

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080182.D
 Acq On : 18 Nov 2023 13:43
 Operator : JC\MD
 Sample : VN1118WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

Quant Time: Nov 20 01:23:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	225320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	357387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	330466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190876	51.305	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.620%			
35) Dibromofluoromethane	8.171	113	131829	49.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.980%			
50) Toluene-d8	10.571	98	492541	51.814	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.853	95	184319	51.334	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	64847	19.321	ug/l	100
3) Chloromethane	2.359	50	44714	17.720	ug/l	95
4) Vinyl Chloride	2.512	62	49524	18.545	ug/l	100
5) Bromomethane	2.954	94	32357	17.849	ug/l	83
6) Chloroethane	3.118	64	32190	18.395	ug/l	95
7) Trichlorofluoromethane	3.495	101	107970	19.382	ug/l	88
8) Diethyl Ether	3.965	74	28257	17.442	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	47877	18.804	ug/l	96
10) Methyl Iodide	4.595	142	51498	18.715	ug/l #	85
11) Tert butyl alcohol	5.530	59	44795	109.489	ug/l	100
12) 1,1-Dichloroethene	4.342	96	43923	18.444	ug/l	84
13) Acrolein	4.183	56	35548	98.179	ug/l	97
14) Allyl chloride	5.024	41	53229	17.765	ug/l	92
15) Acrylonitrile	5.724	53	111455	101.478	ug/l	99
16) Acetone	4.424	43	100023	80.045	ug/l #	86
17) Carbon Disulfide	4.712	76	122859	17.278	ug/l	98
18) Methyl Acetate	5.024	43	77247	19.240	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	163789	19.475	ug/l	99
20) Methylene Chloride	5.277	84	55515	21.215	ug/l #	90
21) trans-1,2-Dichloroethene	5.789	96	48664	18.601	ug/l	86
22) Diisopropyl ether	6.677	45	130693	19.715	ug/l	94
23) Vinyl Acetate	6.606	43	391395	98.210	ug/l	93
24) 1,1-Dichloroethane	6.571	63	91518	18.955	ug/l	99
25) 2-Butanone	7.489	43	134890	90.856	ug/l	91
26) 2,2-Dichloropropane	7.494	77	88224	18.418	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	56352	18.998	ug/l	89
28) Bromochloromethane	7.812	49	39732	20.932	ug/l	93
29) Tetrahydrofuran	7.841	42	84133	105.552	ug/l	93
30) Chloroform	7.965	83	106787	19.788	ug/l	96
31) Cyclohexane	8.259	56	71487	17.669	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	103733	19.711	ug/l	99
36) 1,1-Dichloropropene	8.377	75	72369	18.955	ug/l	95
37) Ethyl Acetate	7.565	43	56704	21.412	ug/l	97
38) Carbon Tetrachloride	8.365	117	95655	19.743	ug/l	96
39) Methylcyclohexane	9.606	83	67721	18.396	ug/l #	89
40) Benzene	8.612	78	209078	19.268	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	31165	21.429	ug/l	92
42) 1,2-Dichloroethane	8.677	62	89731	20.212	ug/l	94
43) Isopropyl Acetate	8.694	43	103914	20.164	ug/l #	93
44) Trichloroethene	9.353	130	52530	18.455	ug/l	97
45) 1,2-Dichloropropane	9.630	63	48969	19.419	ug/l	97
46) Dibromomethane	9.712	93	38963	20.412	ug/l	93
47) Bromodichloromethane	9.888	83	83645	19.921	ug/l	99
48) Methyl methacrylate	9.683	41	55480	20.890	ug/l	88
49) 1,4-Dioxane	9.700	88	18442	417.413	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	292665	109.692	ug/l	97
52) Toluene	10.635	92	136206	20.058	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	85150	19.738	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	87082	19.758	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	52523	20.265	ug/l	98
56) Ethyl methacrylate	10.877	69	55115	20.816	ug/l	90
57) 1,3-Dichloropropane	11.165	76	87870	19.418	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	164692	110.407	ug/l	97
59) 2-Hexanone	11.200	43	218488	101.910	ug/l	94
60) Dibromochloromethane	11.365	129	62630	20.184	ug/l	97
61) 1,2-Dibromoethane	11.471	107	52278	19.771	ug/l	99
64) Tetrachloroethene	11.106	164	45762	18.145	ug/l	96
65) Chlorobenzene	11.894	112	138148	18.449	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	59973	20.639	ug/l	93
67) Ethyl Benzene	11.971	91	251767	18.895	ug/l	98
68) m/p-Xylenes	12.076	106	190909	39.296	ug/l	90
69) o-Xylene	12.400	106	89169	19.475	ug/l	84
70) Styrene	12.412	104	135260	19.848	ug/l	93
71) Bromoform	12.582	173	44415	20.611	ug/l #	100
73) Isopropylbenzene	12.700	105	238162	18.916	ug/l	98
74) N-amyl acetate	12.500	43	76321	19.438	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	75224	19.962	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	74750m	18.829	ug/l	
77) Bromobenzene	12.982	156	59163	18.638	ug/l	98
78) n-propylbenzene	13.041	91	269241	19.123	ug/l	99
79) 2-Chlorotoluene	13.129	91	175131	19.152	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	210123	19.171	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	25107	21.367	ug/l	91
82) 4-Chlorotoluene	13.223	91	178535	19.058	ug/l	94
83) tert-Butylbenzene	13.441	119	167345	19.040	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	211891	19.634	ug/l	97
85) sec-Butylbenzene	13.618	105	215116	19.347	ug/l	99
86) p-Isopropyltoluene	13.735	119	193609	19.493	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	101850	17.808	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	104745	18.224	ug/l	96
89) n-Butylbenzene	14.059	91	147412	17.732	ug/l	99
90) Hexachloroethane	14.341	117	37347	19.287	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	103111	18.840	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17338	19.808	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	51782	16.268	ug/l	93
94) Hexachlorobutadiene	15.506	225	29727	16.228	ug/l	99
95) Naphthalene	15.647	128	150668	16.323	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	51767	17.351	ug/l	100

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MSVOA_N
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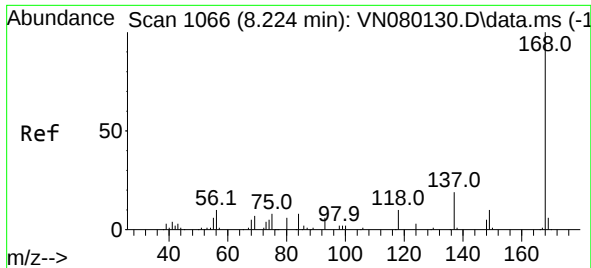
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/20/2023

Quant Time: Nov 20 01:23:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

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



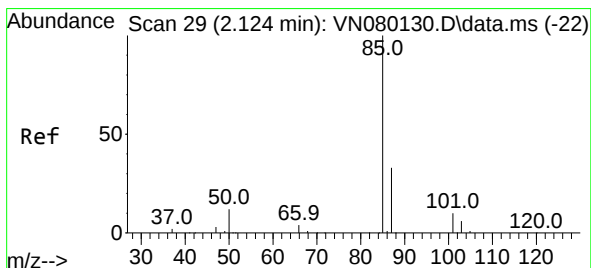
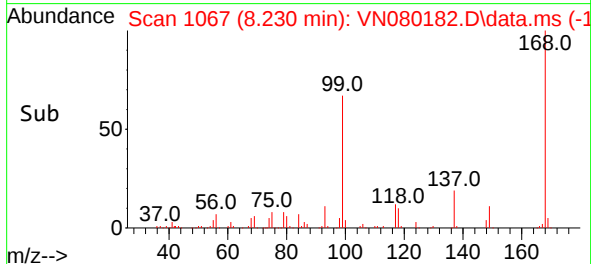
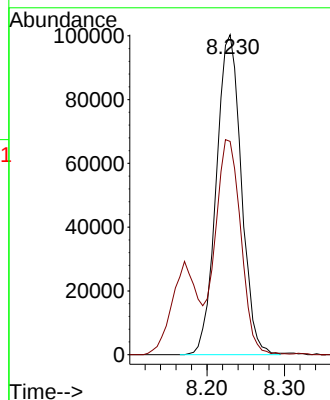
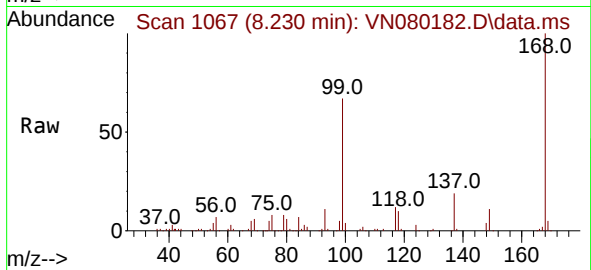
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:168 Resp: 225320
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6

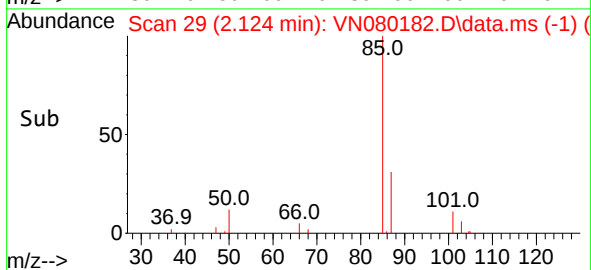
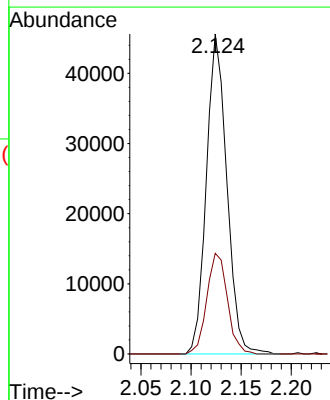
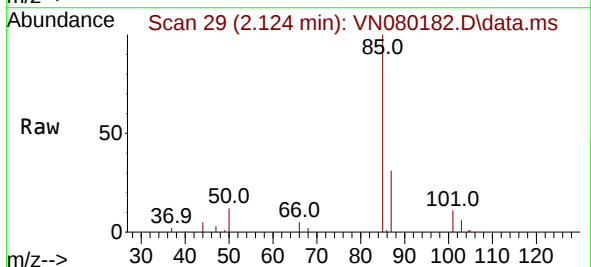
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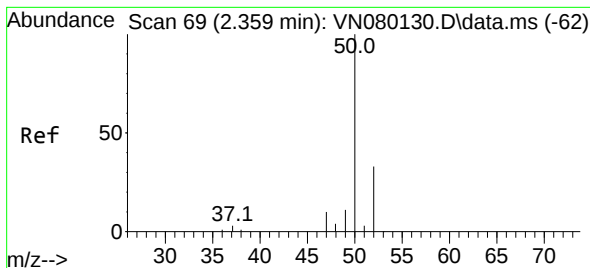
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 19.321 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Tgt Ion: 85 Resp: 64847
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4





#3

Chloromethane

Concen: 17.720 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 50 Resp: 44714

Ion Ratio Lower Upper

50 100

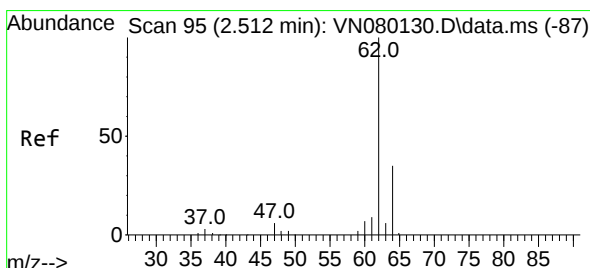
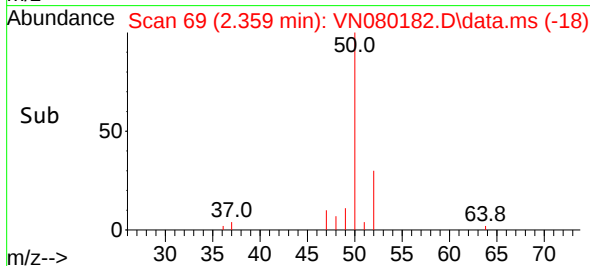
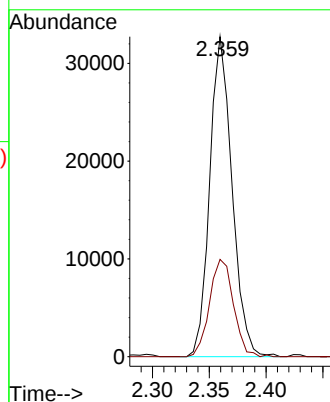
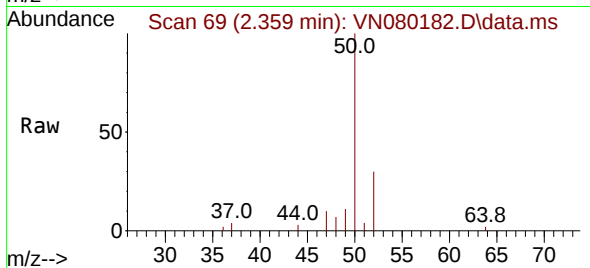
52 30.4 26.5 39.7

Manual Integrations

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Supervised By :Mahesh Dadoda 11/20/2023



#4

Vinyl Chloride

Concen: 18.545 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN080182.D

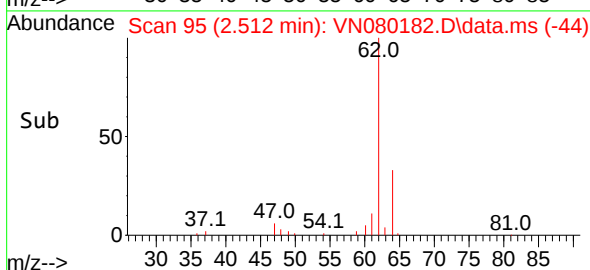
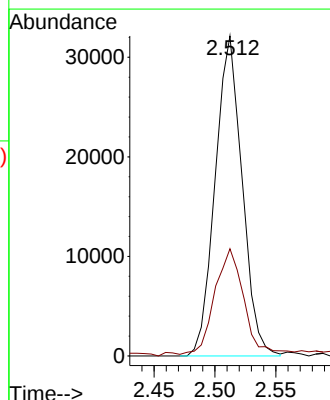
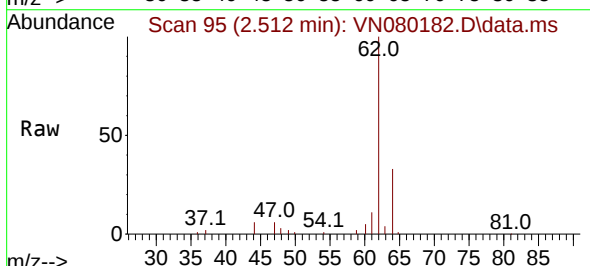
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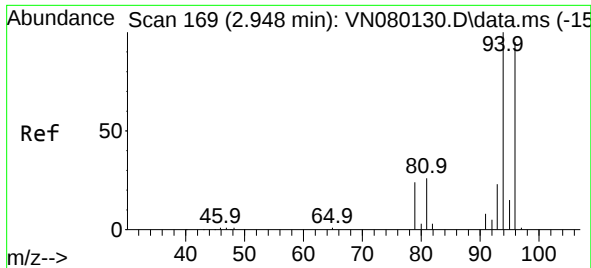
Tgt Ion: 62 Resp: 49524

Ion Ratio Lower Upper

62 100

64 33.0 26.2 39.2





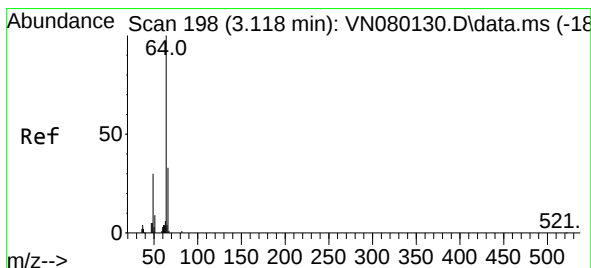
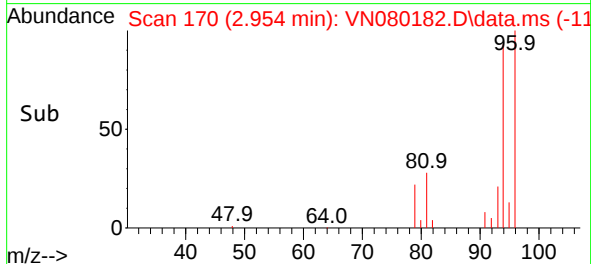
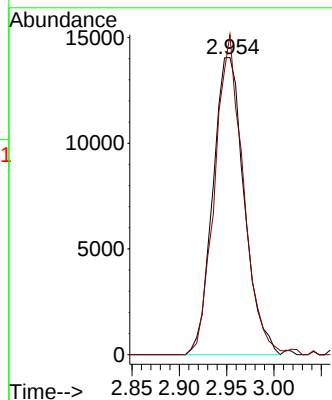
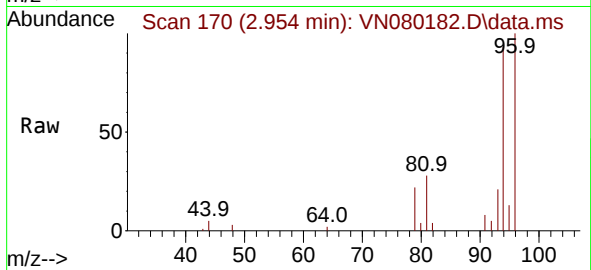
#5
Bromomethane
Concen: 17.849 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080182.D
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Tgt Ion: 94 Resp: 3235
Ion Ratio Lower Upper
94 100
96 107.7 73.1 109.7

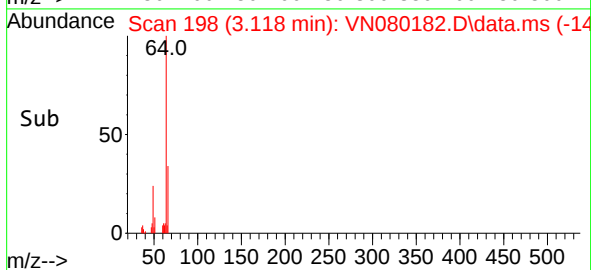
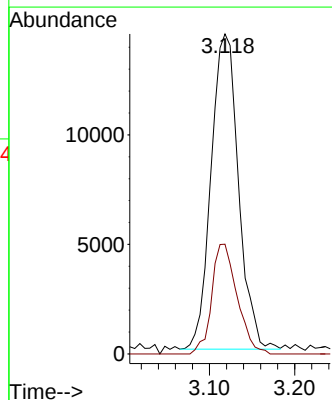
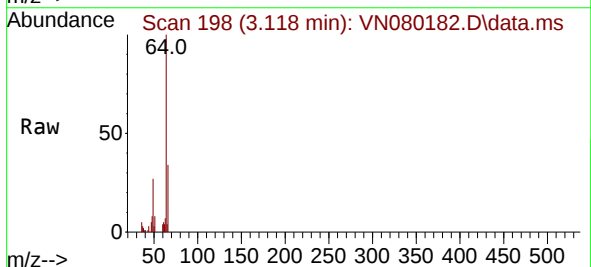
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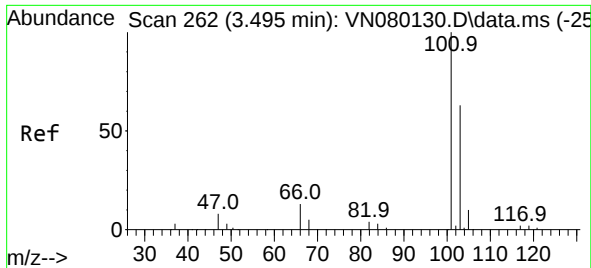
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#6
Chloroethane
Concen: 18.395 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

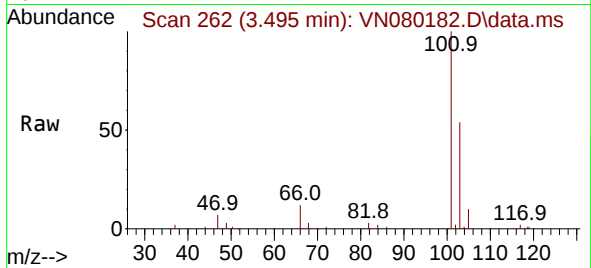
Tgt Ion: 64 Resp: 32190
Ion Ratio Lower Upper
64 100
66 34.8 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.382 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080182.D
 Acq: 18 Nov 2023 13:43

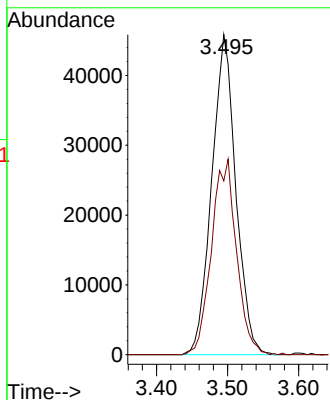
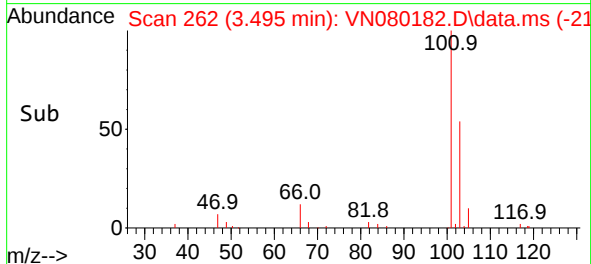
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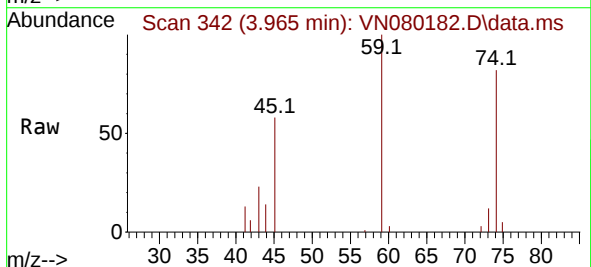
Tgt Ion:101 Resp: 107970
 Ion Ratio Lower Upper
 101 100
 103 54.3 50.7 76.1

Manual Integrations
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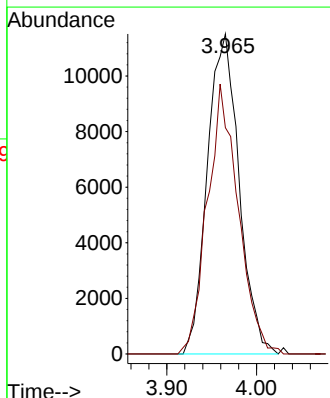
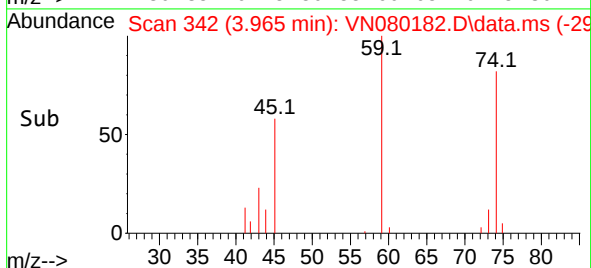
Reviewed By :John Carlone 11/20/2023
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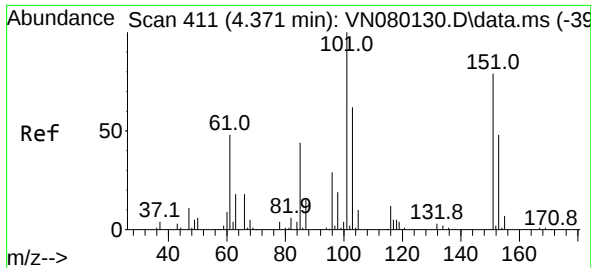


#8
 Diethyl Ether
 Concen: 17.442 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN080182.D
 Acq: 18 Nov 2023 13:43



Tgt Ion: 74 Resp: 28257
 Ion Ratio Lower Upper
 74 100
 45 82.1 34.4 103.3





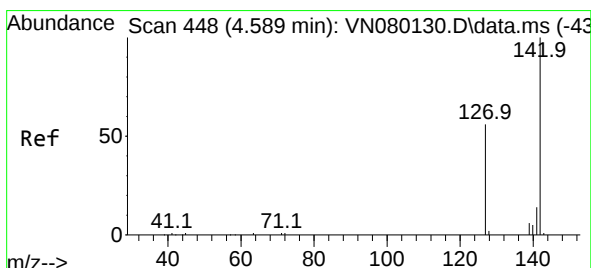
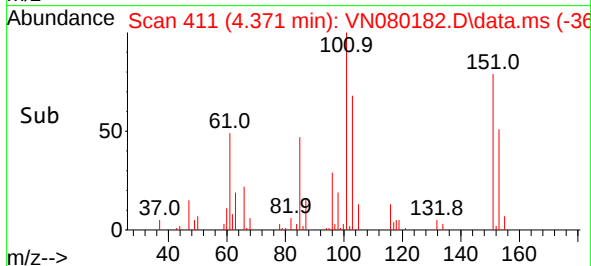
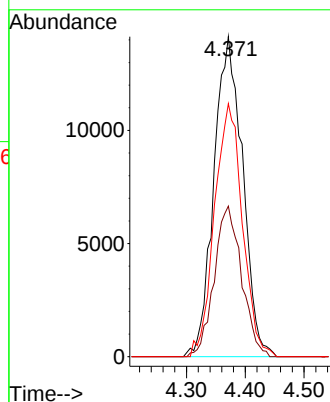
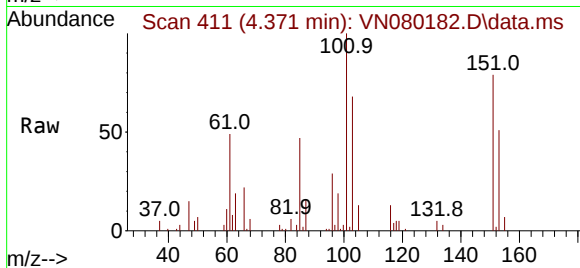
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1,1,2-Trichlorotrifluoroethane
Concen: 18.804 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:101 Resp: 4787
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 76.9 57.6 86.4

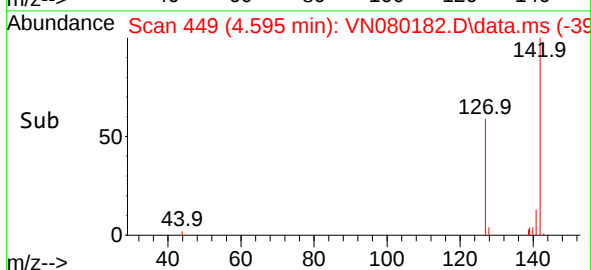
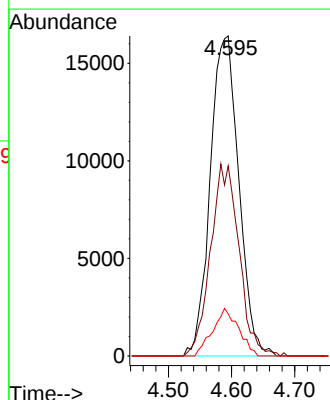
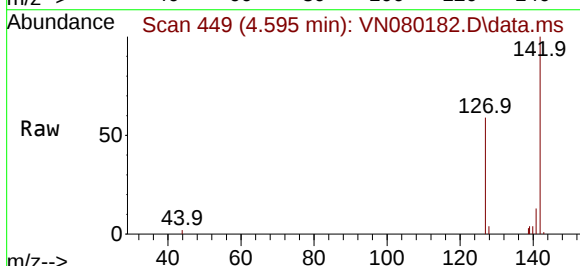
Manual Integrations
APPROVED

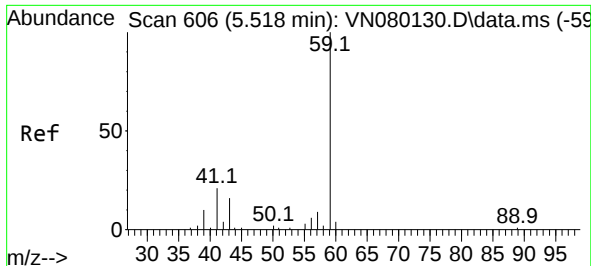
Reviewed By :John Carbone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 18.715 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

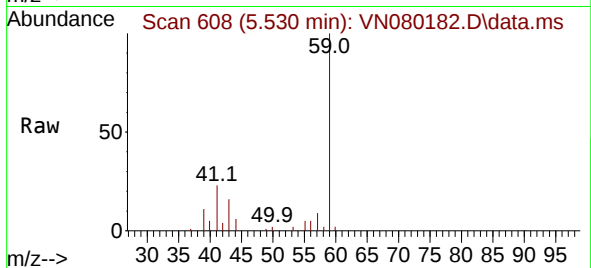
Tgt Ion:142 Resp: 51498
Ion Ratio Lower Upper
142 100
127 59.4 37.6 56.4#
141 13.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 109.489 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

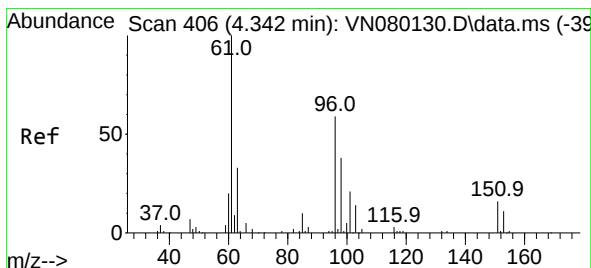
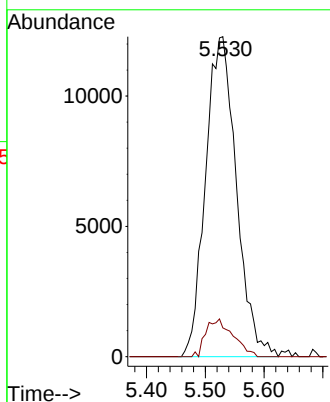
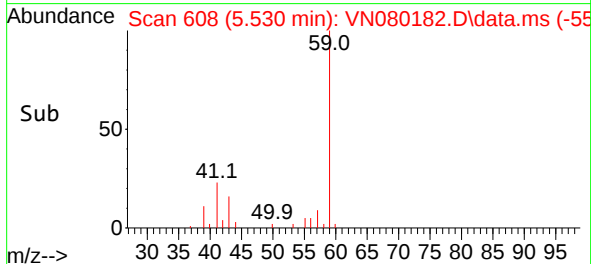
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



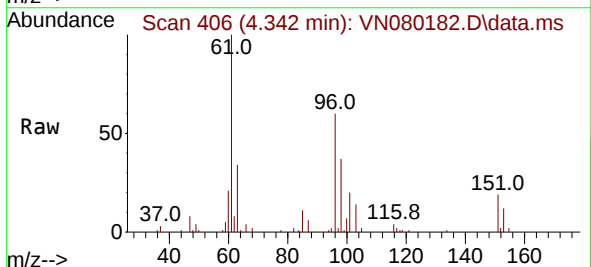
Tgt Ion: 59 Resp: 4479
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

Manual Integrations
APPROVED

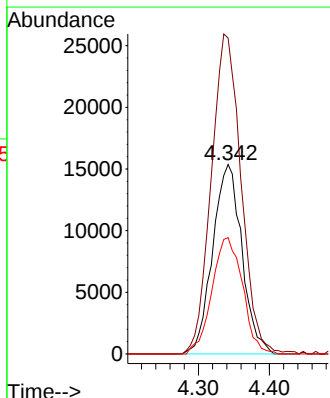
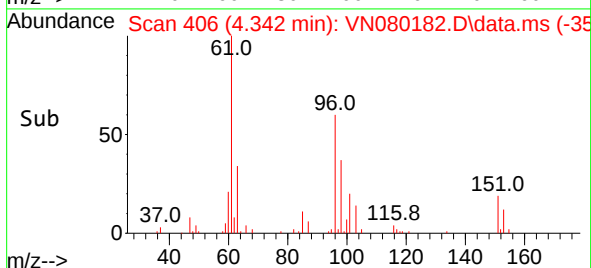
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#12
1,1-Dichloroethene
Concen: 18.444 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43



Tgt Ion: 96 Resp: 43923
Ion Ratio Lower Upper
96 100
61 166.8 112.7 169.1
98 61.4 51.2 76.8





#13

Acrolein

Concen: 98.179 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 56 Resp: 3554

Ion Ratio Lower Upper

56 100

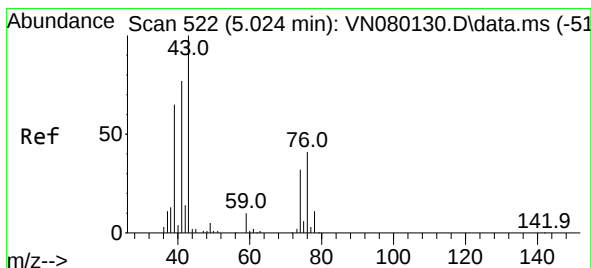
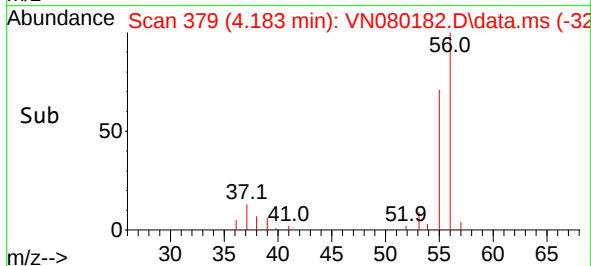
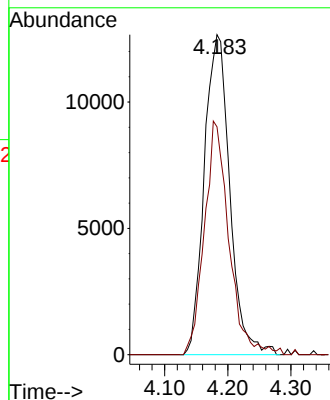
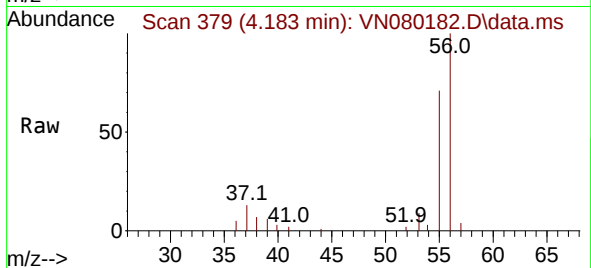
55 70.3 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#14

Allyl chloride

Concen: 17.765 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

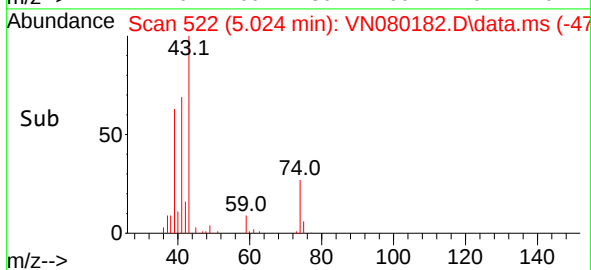
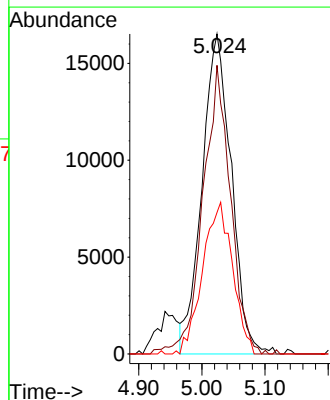
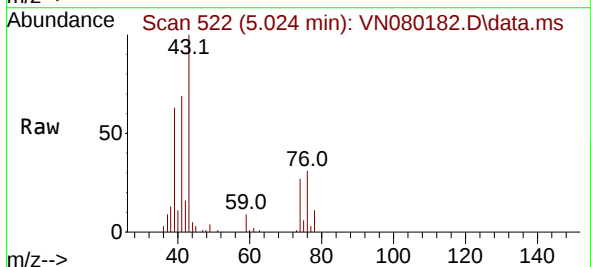
Tgt Ion: 41 Resp: 53229

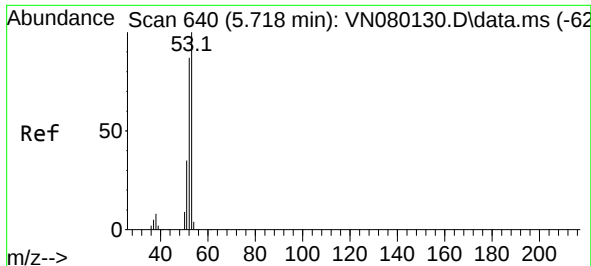
Ion Ratio Lower Upper

41 100

39 84.9 58.8 88.2

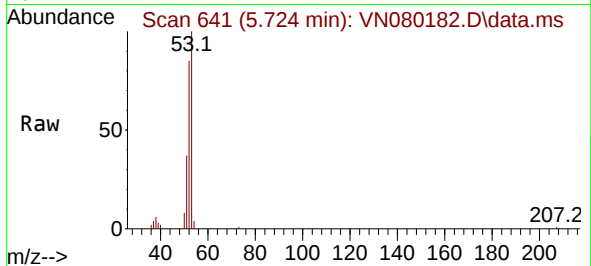
76 48.4 39.1 58.7





#15
Acrylonitrile
Concen: 101.478 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

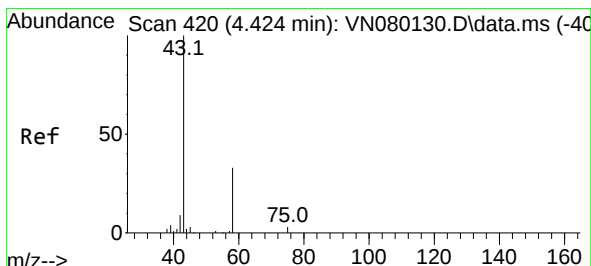
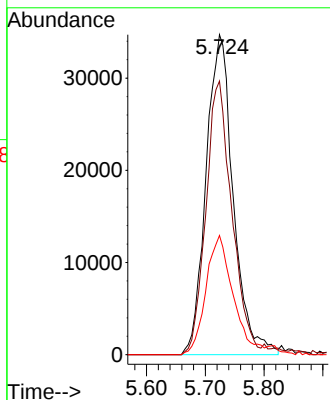
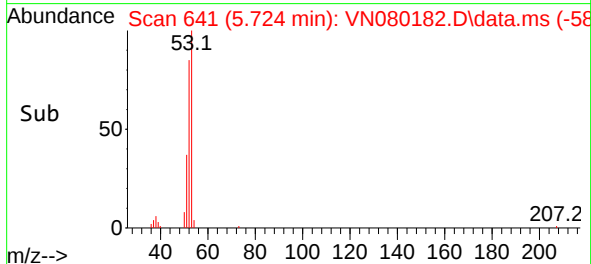
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 53 Resp: 111458
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 37.2 28.9 43.3

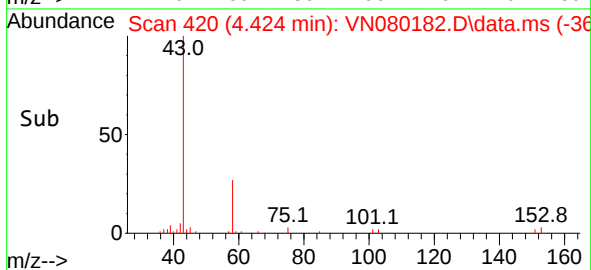
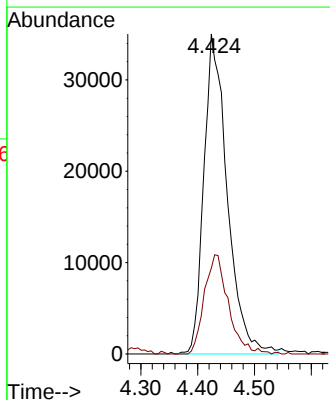
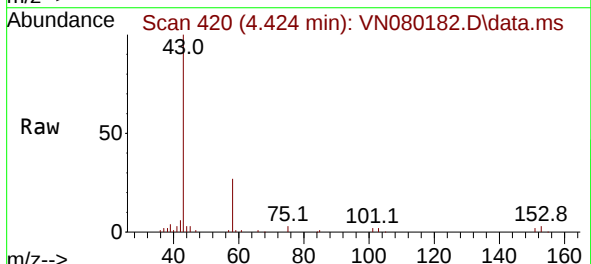
Manual Integrations
APPROVED

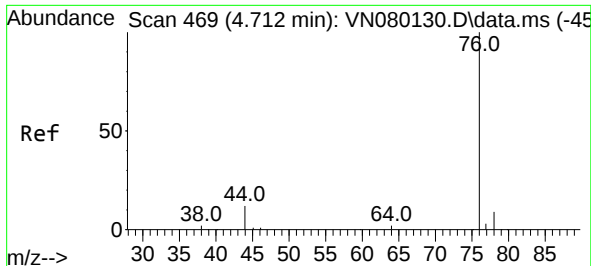
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#16
Acetone
Concen: 80.045 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

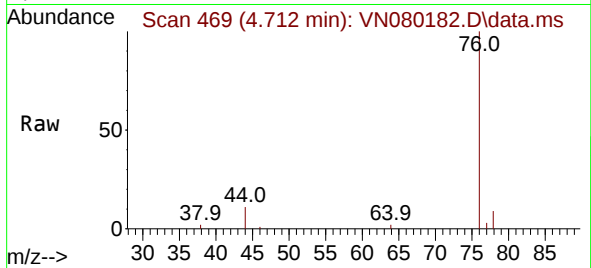
Tgt Ion: 43 Resp: 100023
Ion Ratio Lower Upper
43 100
58 26.8 28.0 42.0#





#17
Carbon Disulfide
Concen: 17.278 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

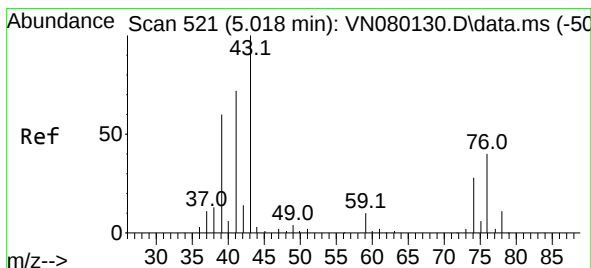
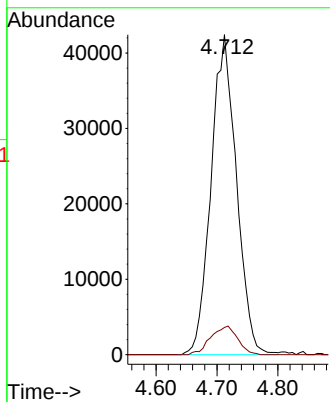
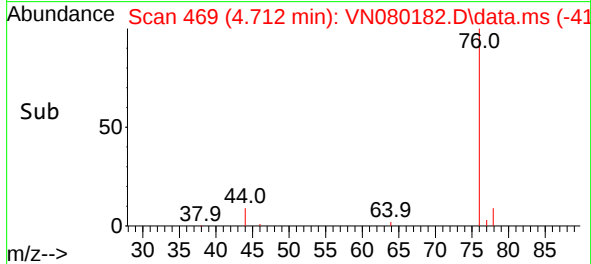
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 76 Resp: 122859
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

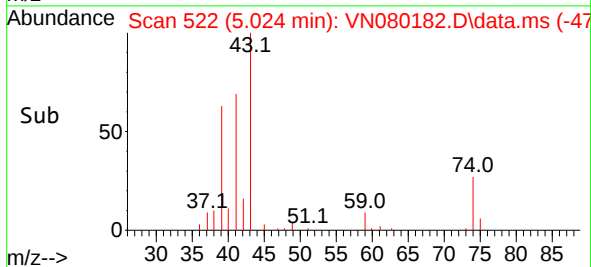
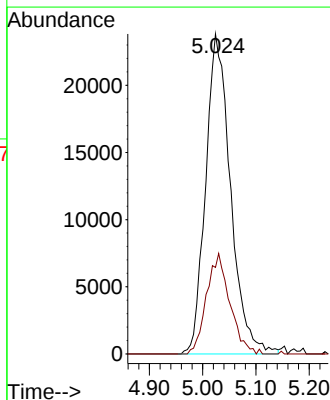
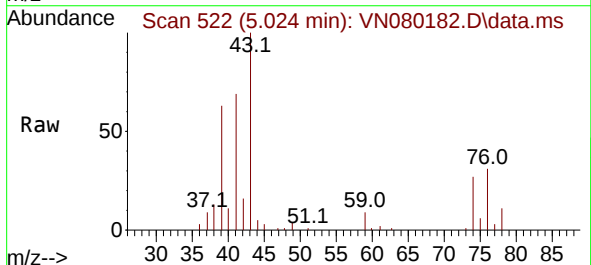
Manual Integrations
APPROVED

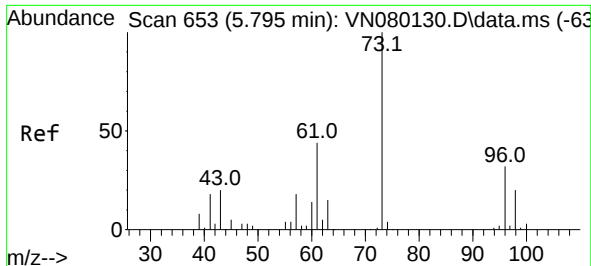
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#18
Methyl Acetate
Concen: 19.240 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Tgt Ion: 43 Resp: 77247
Ion Ratio Lower Upper
43 100
74 29.4 26.2 39.4





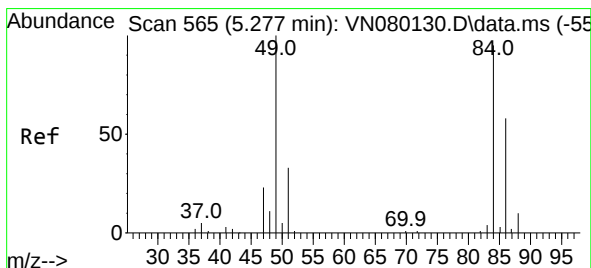
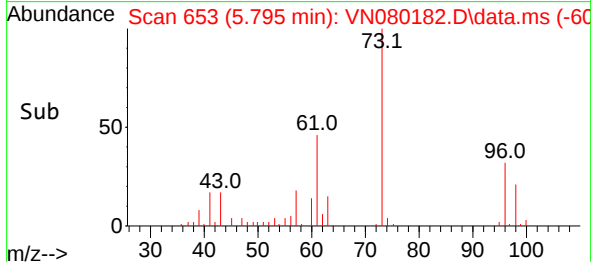
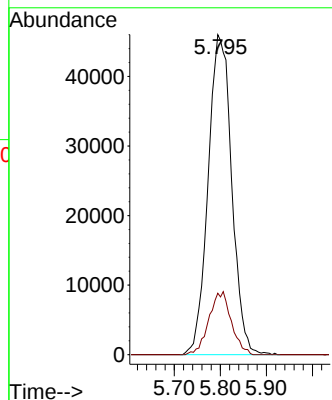
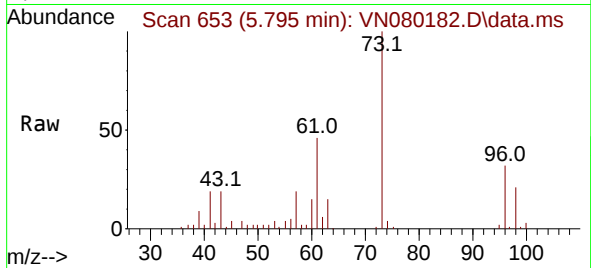
#19
Methyl tert-butyl Ether
Concen: 19.475 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 73 Resp: 163789
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4

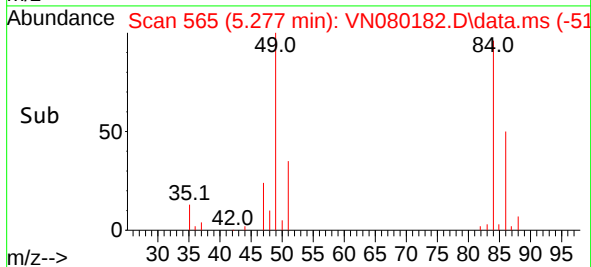
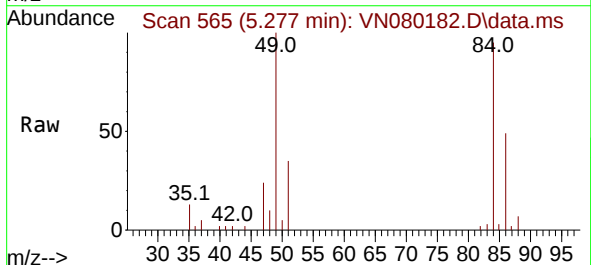
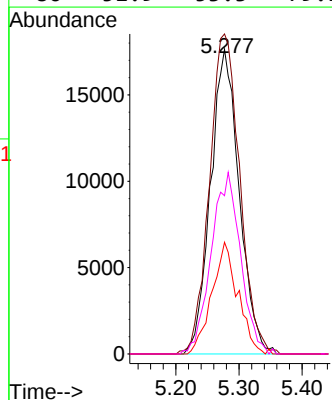
Manual Integrations
APPROVED

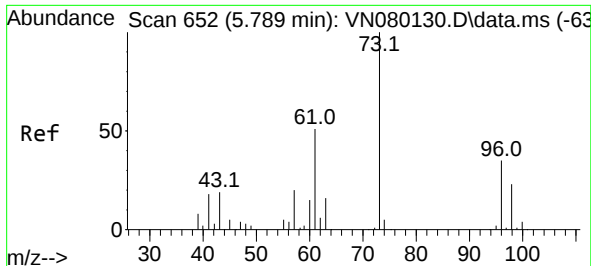
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 21.215 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

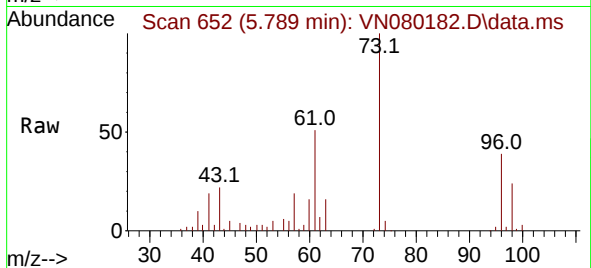
Tgt Ion: 84 Resp: 55515
Ion Ratio Lower Upper
84 100
49 105.0 79.7 119.5
51 36.6 25.2 37.8
86 51.9 53.3 79.9#





#21
trans-1,2-Dichloroethene
Concen: 18.601 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

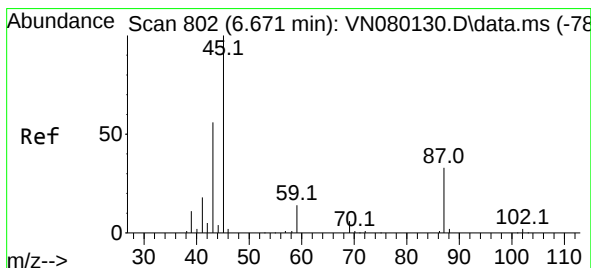
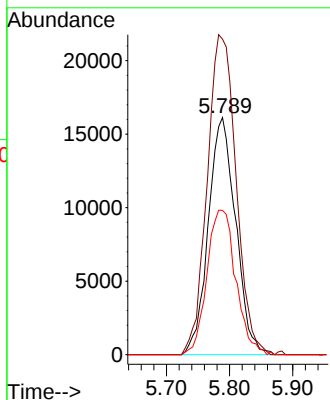
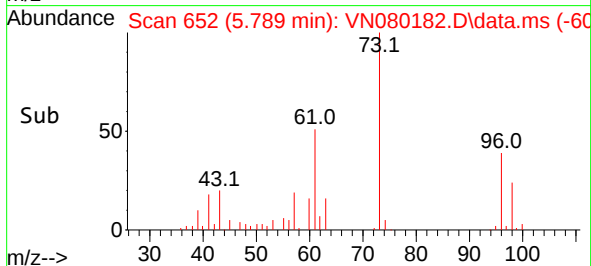
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



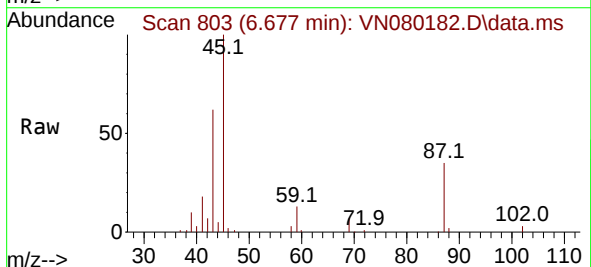
Tgt Ion: 96 Resp: 48664
Ion Ratio Lower Upper
96 100
61 133.1 90.1 135.1
98 60.9 46.4 69.6

Manual Integrations
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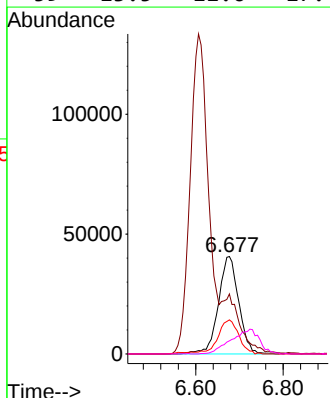
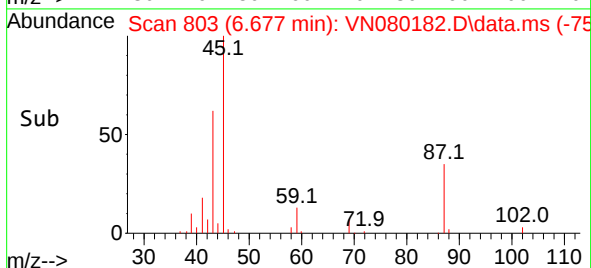
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

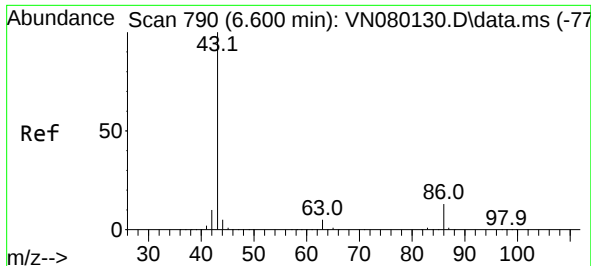


#22
Diisopropyl ether
Concen: 19.715 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43



Tgt Ion: 45 Resp: 130693
Ion Ratio Lower Upper
45 100
43 60.3 45.5 68.3
87 34.9 31.8 47.8
59 13.5 11.6 17.4





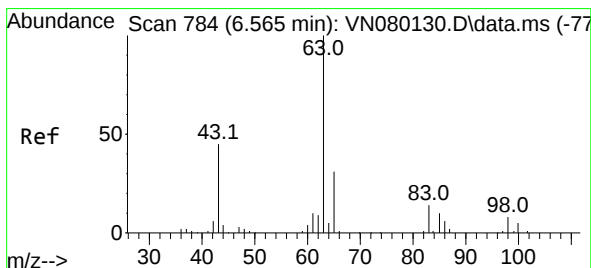
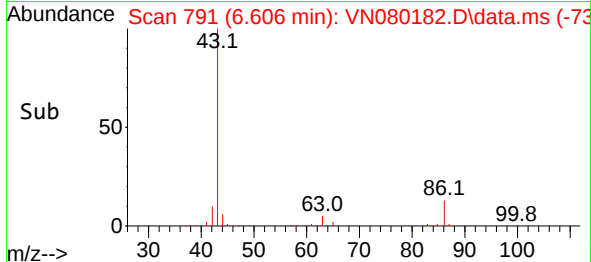
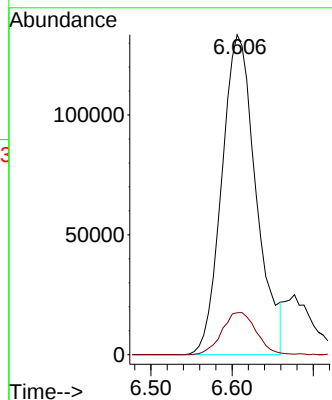
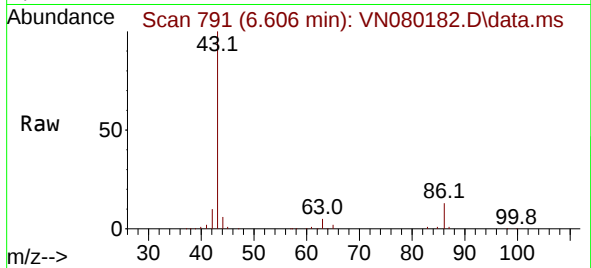
#23
 Vinyl Acetate
 Concen: 98.210 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080182.D
 Acq: 18 Nov 2023 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

Tgt Ion: 43 Resp: 39139
 Ion Ratio Lower Upper
 43 100
 86 13.1 13.0 19.6

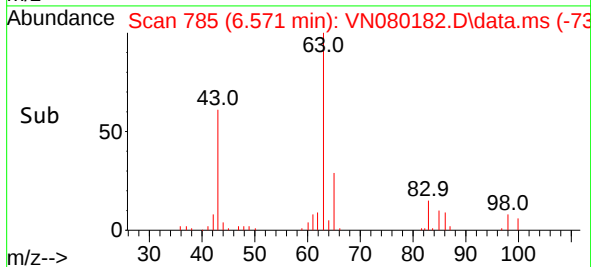
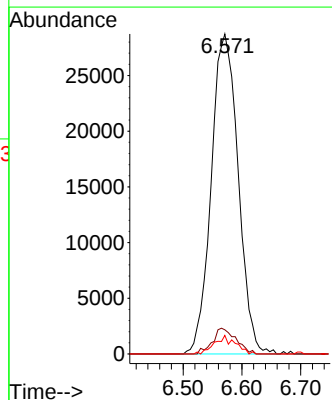
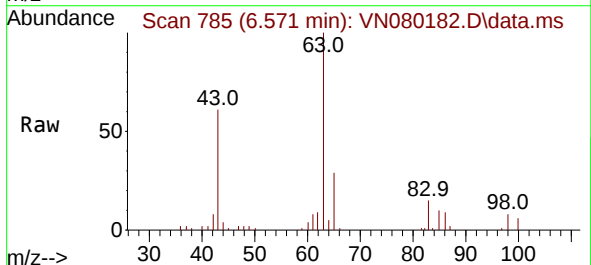
Manual Integrations
 APPROVED

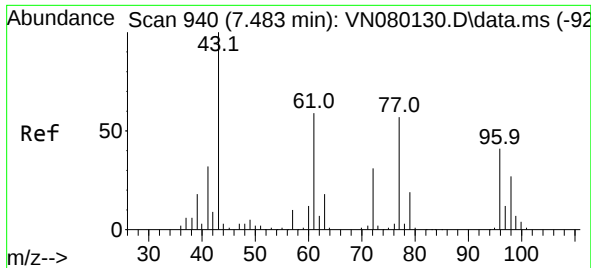
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 18.955 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080182.D
 Acq: 18 Nov 2023 13:43

Tgt Ion: 63 Resp: 91518
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 5.8 2.5 7.4





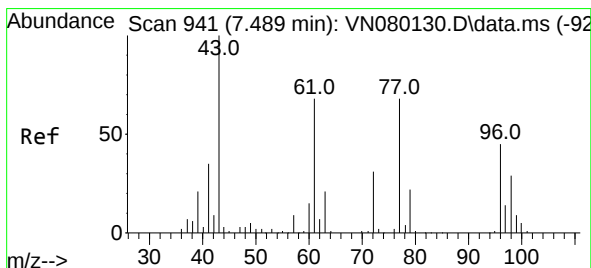
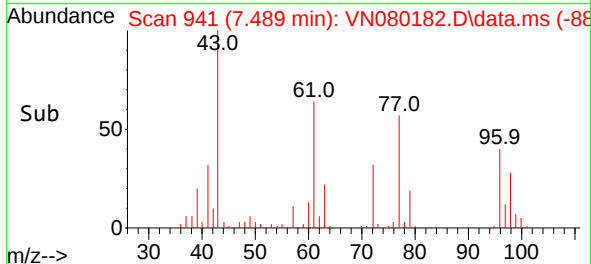
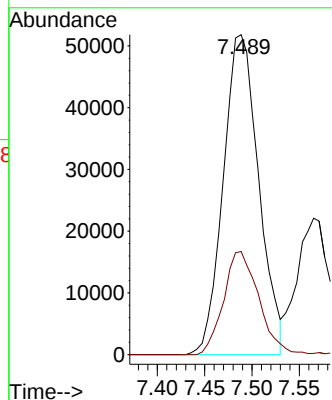
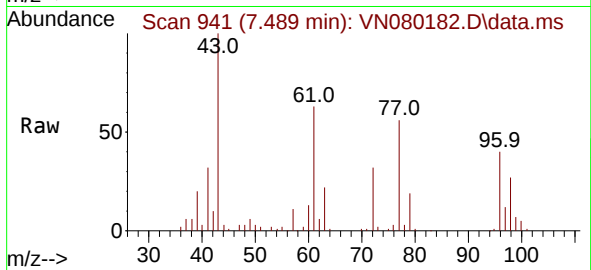
#25
2-Butanone
Concen: 90.856 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 43 Resp: 134890
Ion Ratio Lower Upper
43 100
72 32.2 30.2 45.2

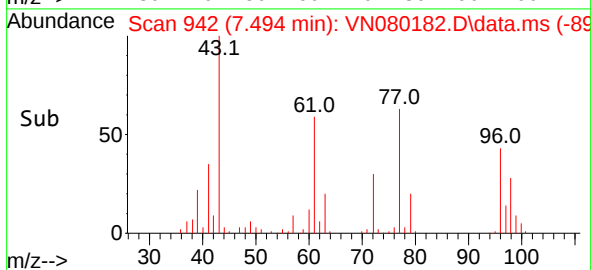
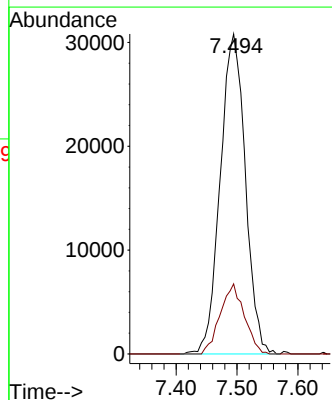
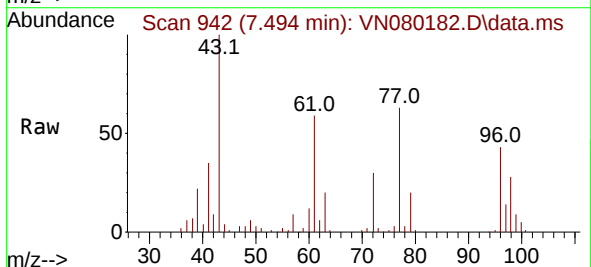
Manual Integrations
APPROVED

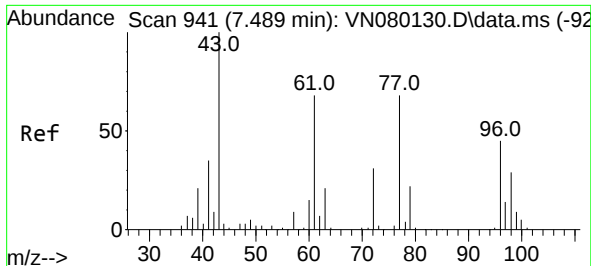
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 18.418 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

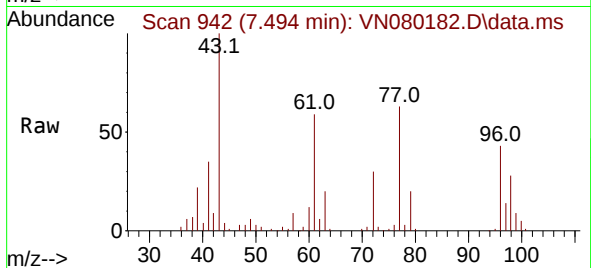
Tgt Ion: 77 Resp: 88224
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.998 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080182.D
 Acq: 18 Nov 2023 13:43

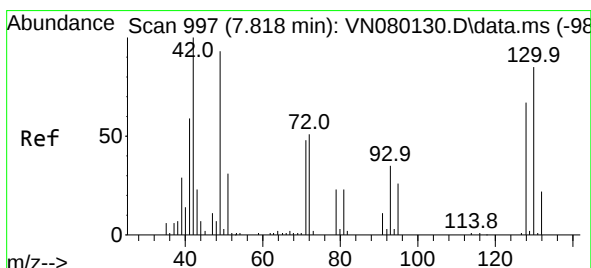
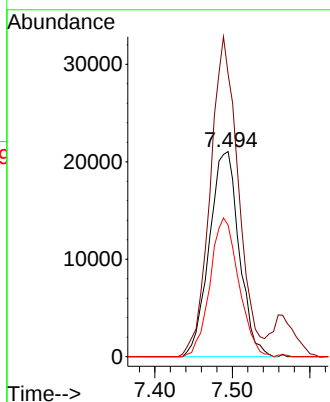
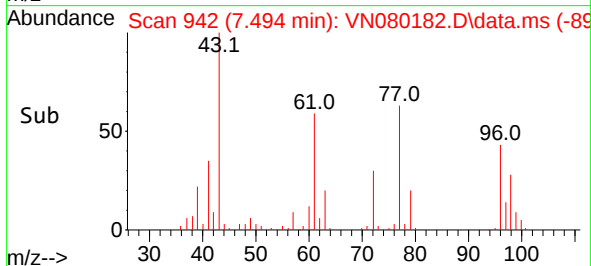
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01



Tgt Ion: 96 Resp: 56352
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 255.2
 98 65.0 0.0 128.8

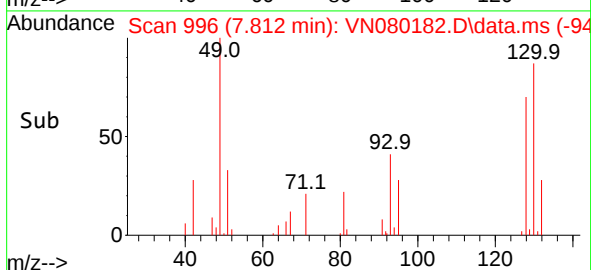
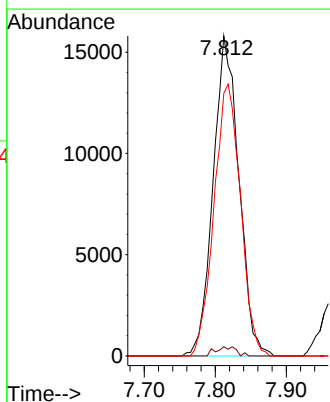
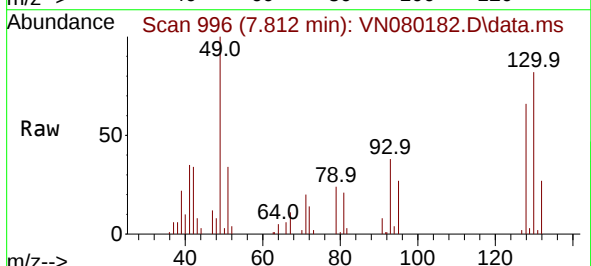
Manual Integrations
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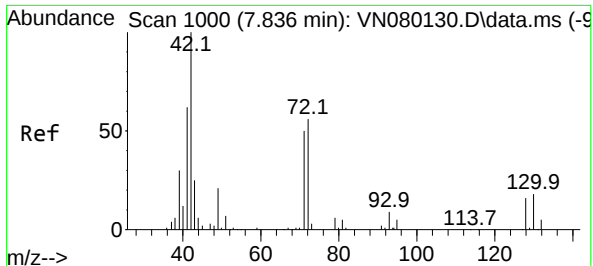
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#28
 Bromochloromethane
 Concen: 20.932 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080182.D
 Acq: 18 Nov 2023 13:43

Tgt Ion: 49 Resp: 39732
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 87.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 105.552 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

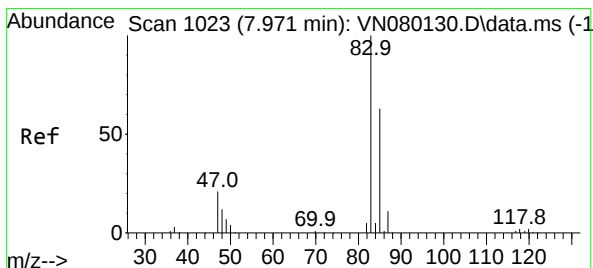
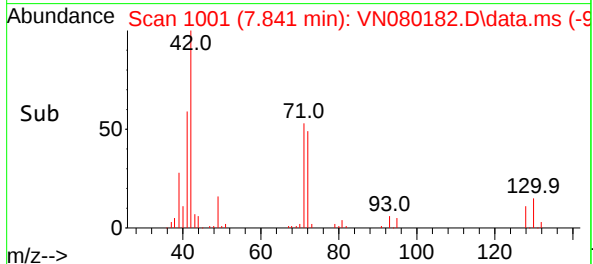
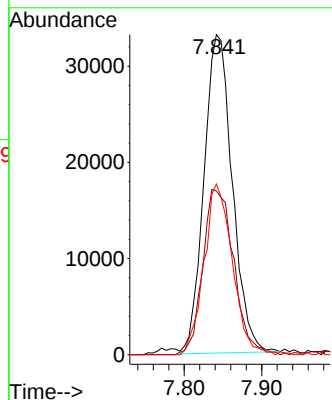
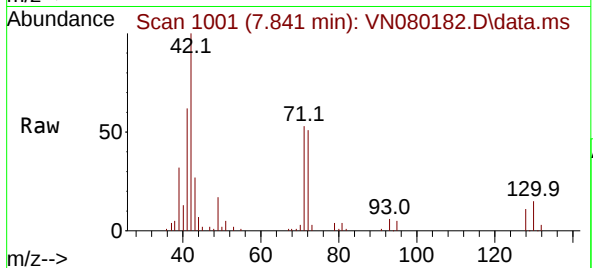
Tgt Ion:	42	Resp:	8413
Ion Ratio	Lower	Upper	
42	100		
72	56.5	49.8	74.6
71	53.7	47.4	71.2

Manual Integrations

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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 19.788 ug/l

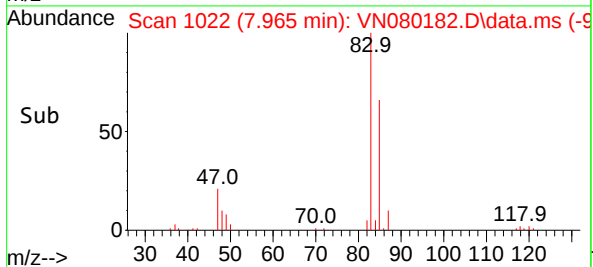
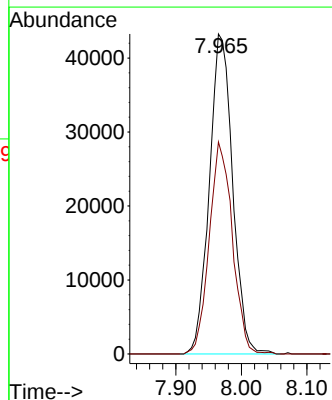
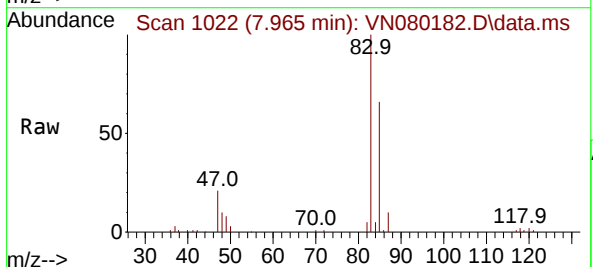
RT: 7.965 min Scan# 1022

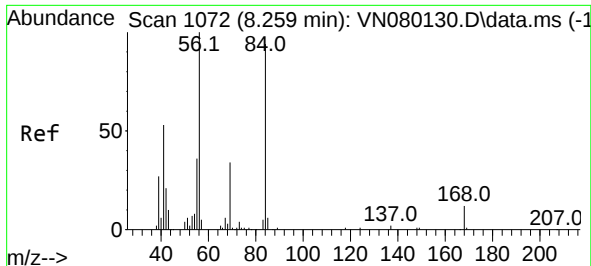
Delta R.T. -0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

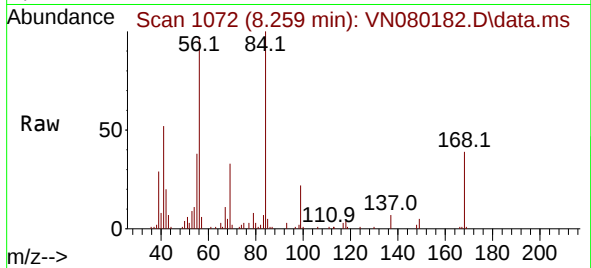
Tgt Ion:	83	Resp:	106787
Ion Ratio	Lower	Upper	
83	100		
85	66.2	55.4	83.0





#31
Cyclohexane
Concen: 17.669 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

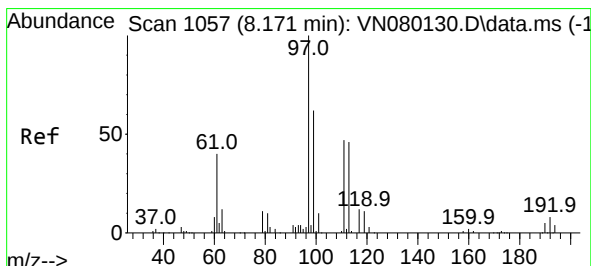
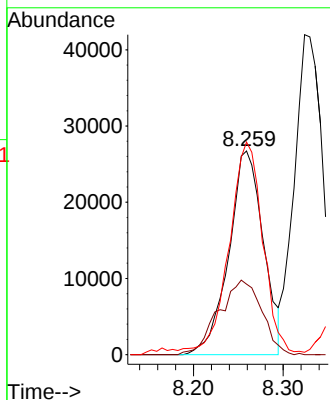
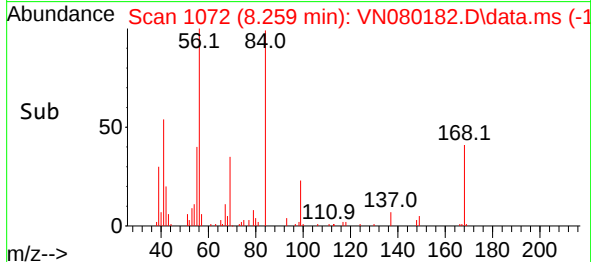
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



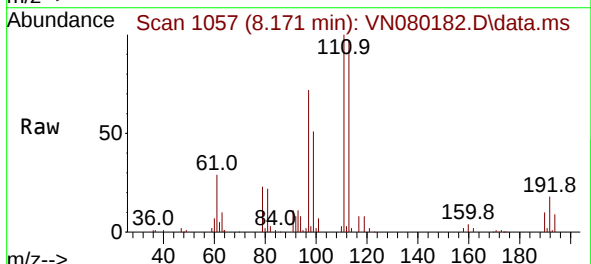
Tgt Ion: 56 Resp: 7148
Ion Ratio Lower Upper
56 100
69 34.7 26.8 40.2
84 102.4 81.8 122.6

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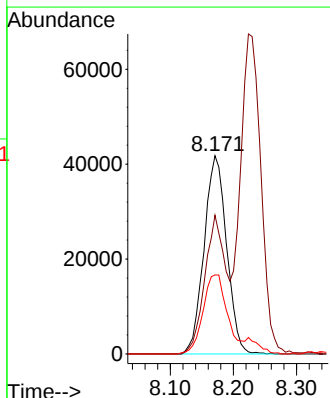
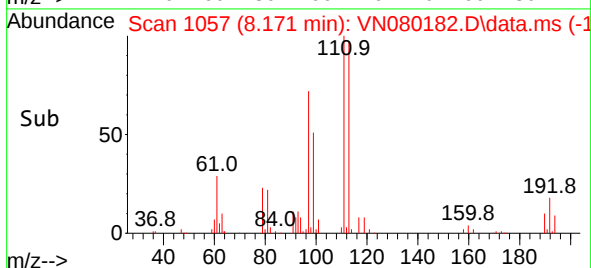
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

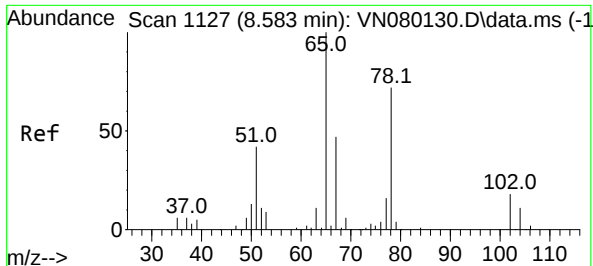


#32
1,1,1-Trichloroethane
Concen: 19.711 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43



Tgt Ion: 97 Resp: 103733
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 43.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.305 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 65 Resp: 190870

Ion Ratio Lower Upper

65 100

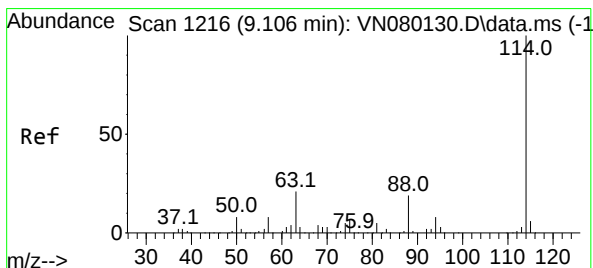
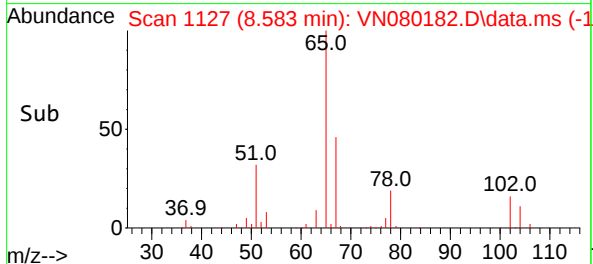
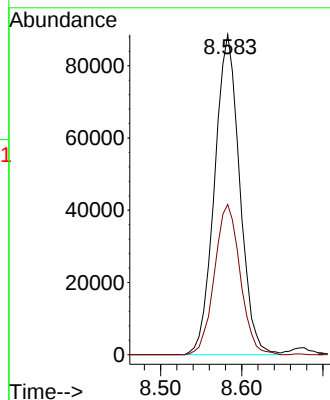
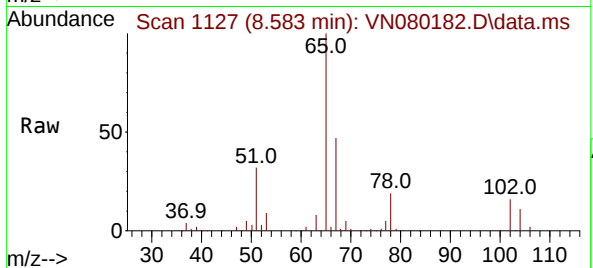
67 47.8 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

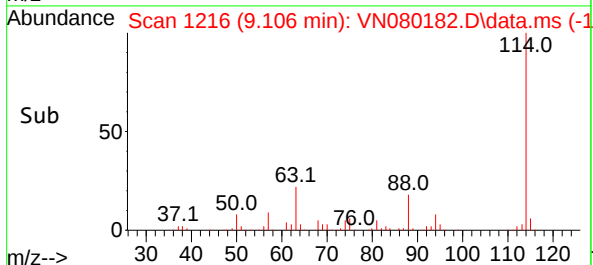
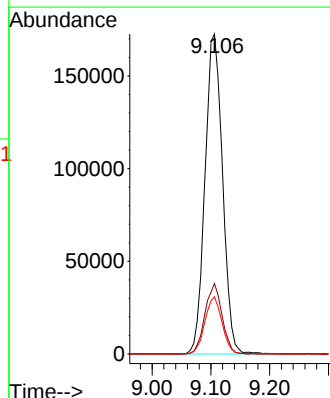
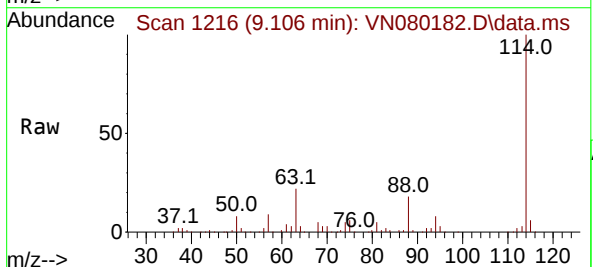
Tgt Ion:114 Resp: 357387

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 17.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.991 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

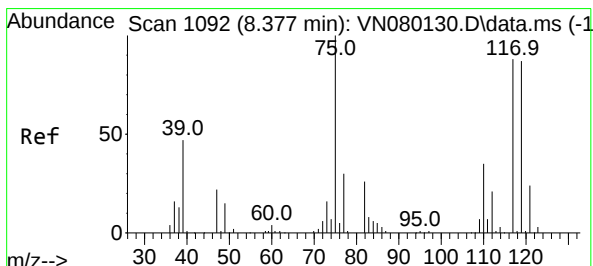
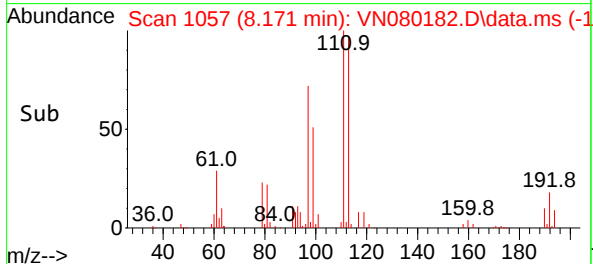
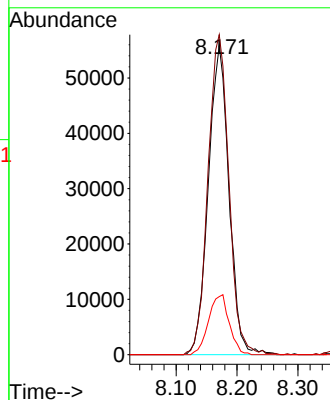
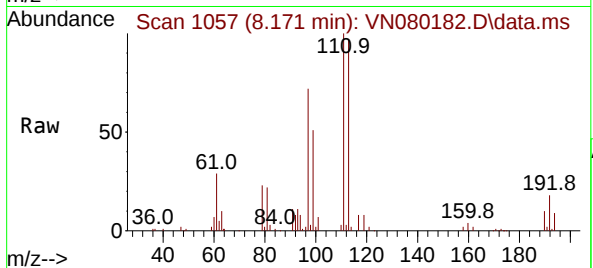
Tgt Ion:113 Resp: 131829
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.6 123.8
 192 19.4 12.7 19.1

Manual Integrations

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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#36

1,1-Dichloropropene

Concen: 18.955 ug/l

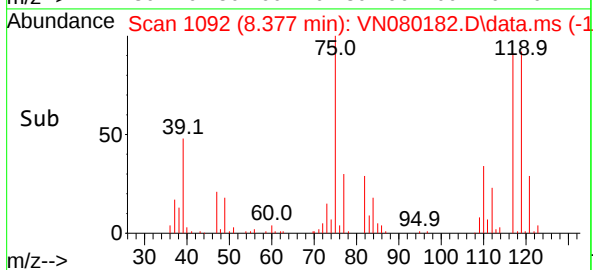
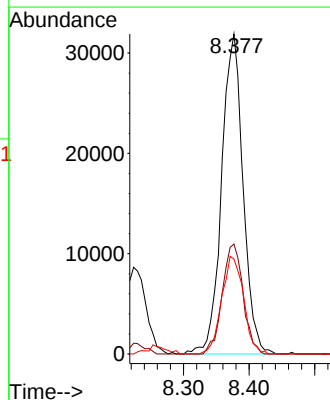
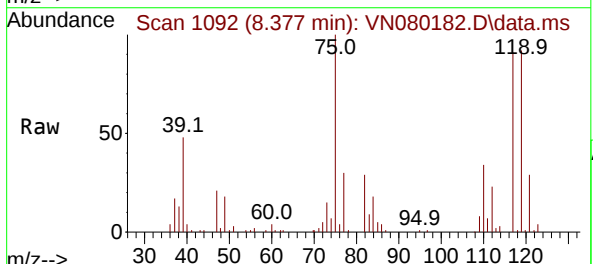
RT: 8.377 min Scan# 1092

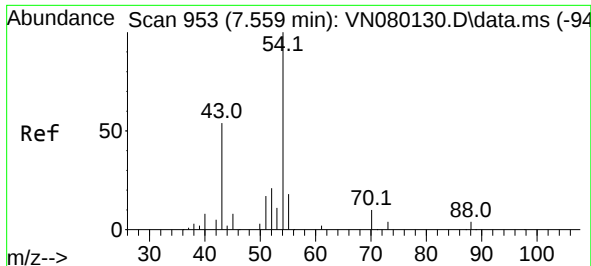
Delta R.T. -0.000 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Tgt Ion: 75 Resp: 72369
 Ion Ratio Lower Upper
 75 100
 110 33.3 19.1 57.3
 77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 21.412 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

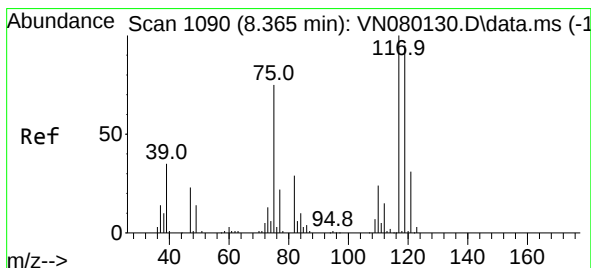
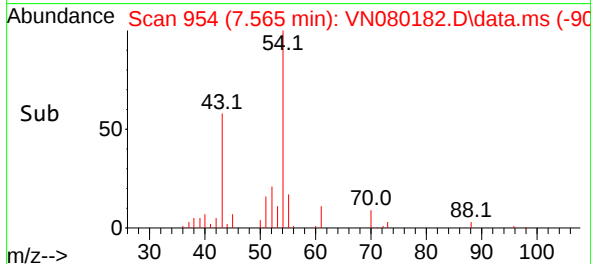
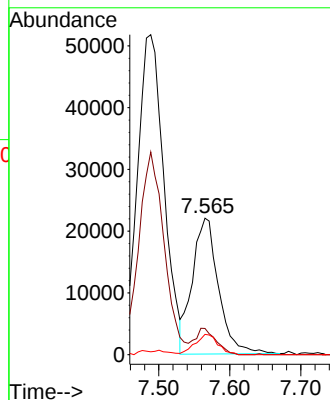
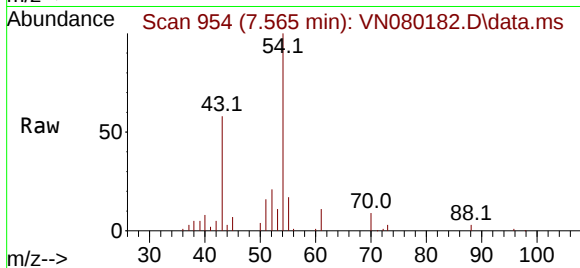
Tgt Ion: 43	Resp: 56704
Ion Ratio	Lower Upper
43 100	
61 15.3	13.2 19.8
70 13.0	11.3 16.9

Manual Integrations

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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#38

Carbon Tetrachloride

Concen: 19.743 ug/l

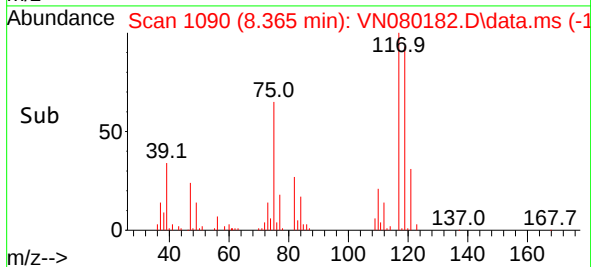
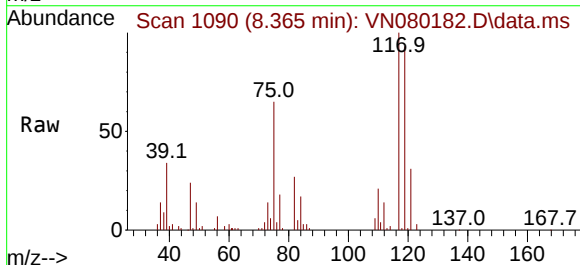
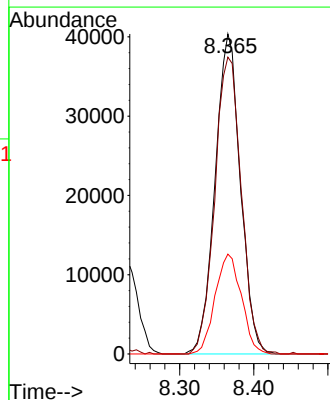
RT: 8.365 min Scan# 1090

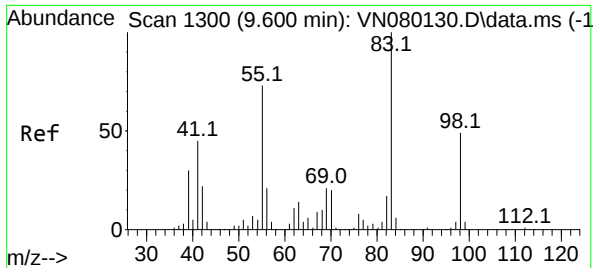
Delta R.T. -0.000 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Tgt Ion: 117	Resp: 95655
Ion Ratio	Lower Upper
117 100	
119 92.7	77.3 115.9
121 31.2	23.3 34.9





#39

Methylcyclohexane

Concen: 18.396 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 83 Resp: 6772

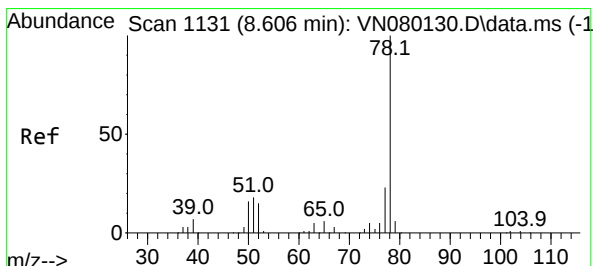
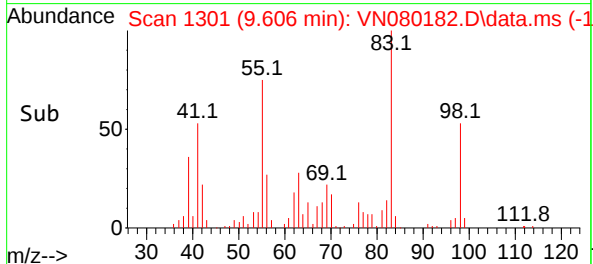
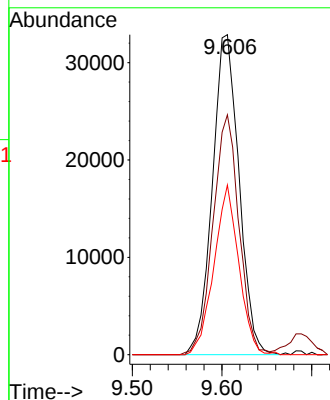
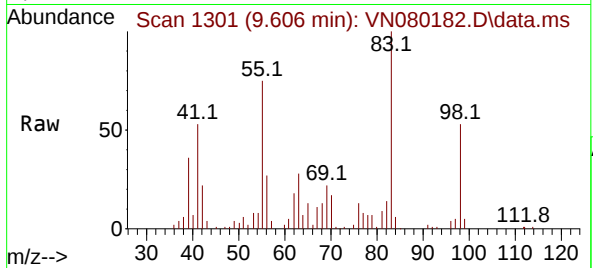
Ion	Ratio	Lower	Upper
83	100		
55	74.9	49.1	73.7
98	53.0	40.6	61.0

Manual Integrations

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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#40

Benzene

Concen: 19.268 ug/l

RT: 8.612 min Scan# 1132

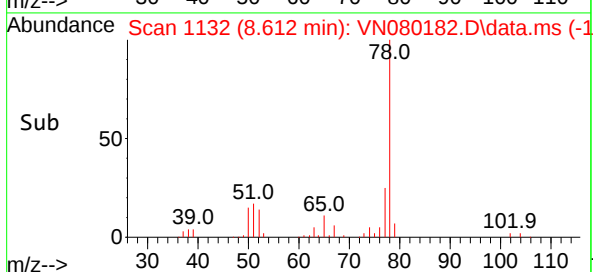
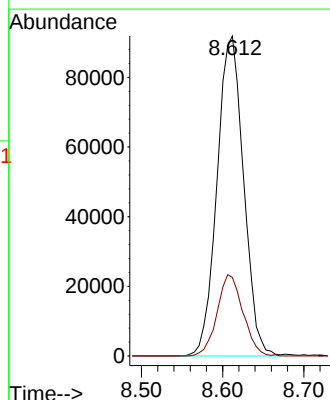
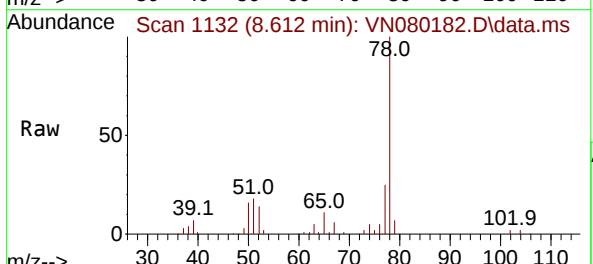
Delta R.T. 0.006 min

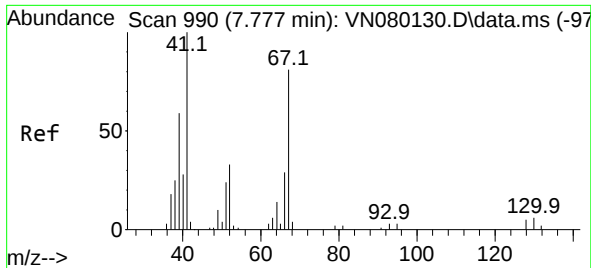
Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Tgt Ion: 78 Resp: 209078

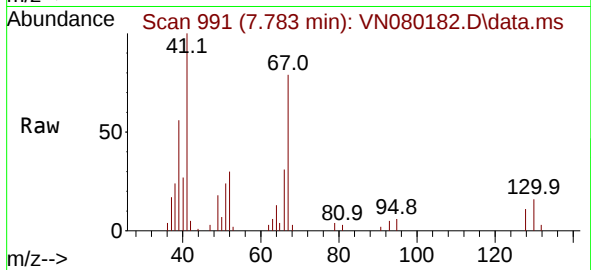
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.6





#41
Methacrylonitrile
Concen: 21.429 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

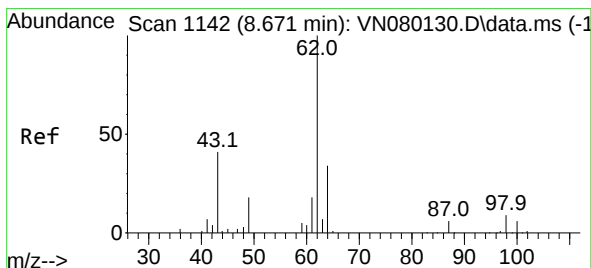
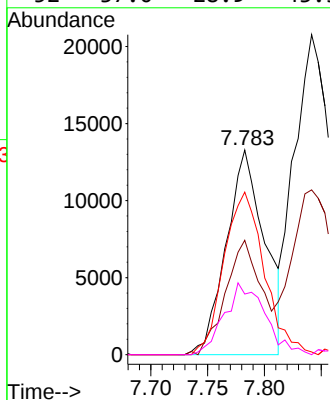
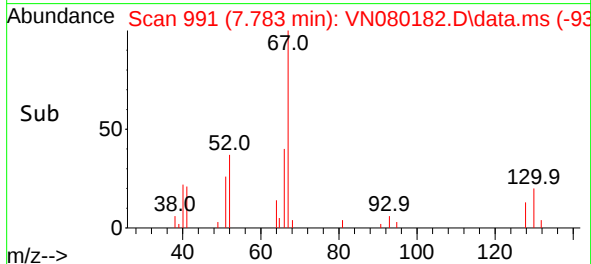
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 41	Resp: 3116
Ion Ratio	Lower Upper
41 100	
39 51.7	42.6 64.0
67 83.8	77.5 116.3
52 37.0	28.9 43.3

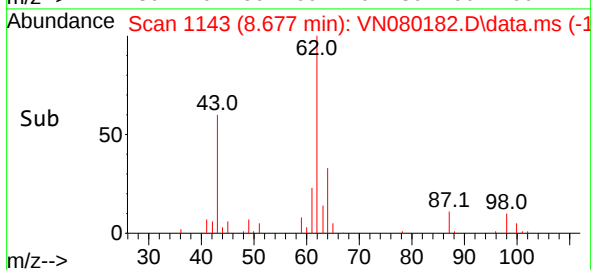
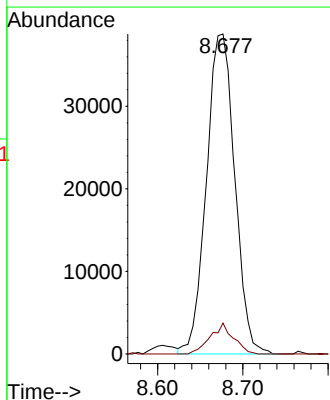
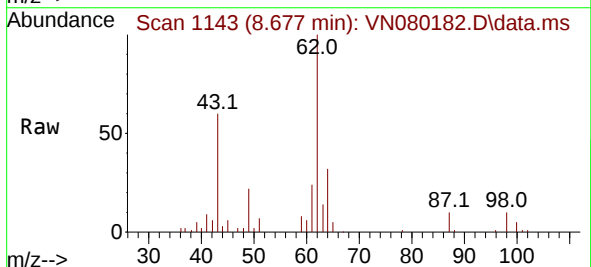
Manual Integrations
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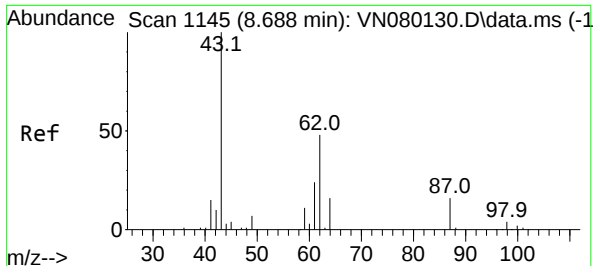
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#42
1,2-Dichloroethane
Concen: 20.212 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

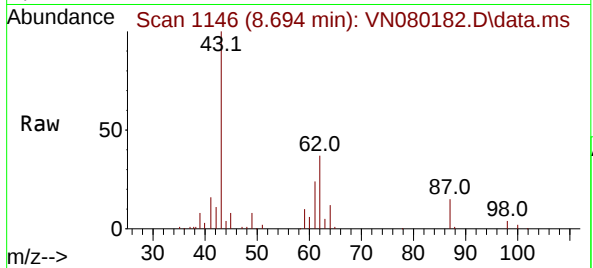
Tgt Ion: 62	Resp: 89731
Ion Ratio	Lower Upper
62 100	
98 7.8	0.0 19.8





#43
Isopropyl Acetate
Concen: 20.164 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

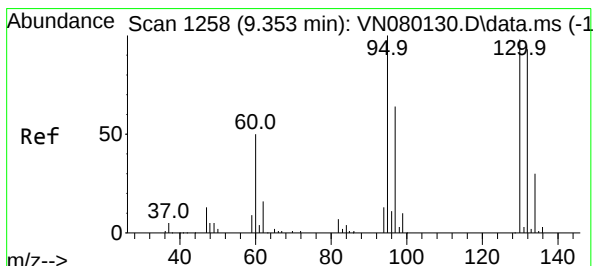
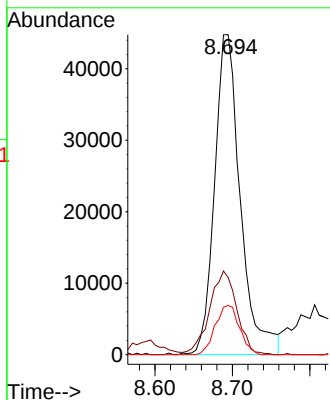
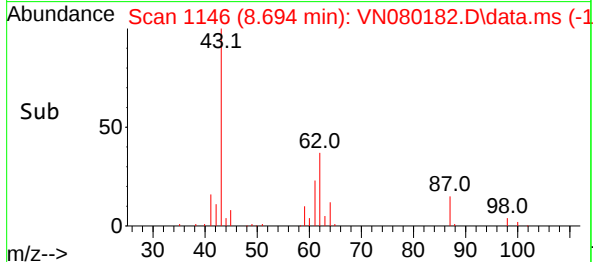
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



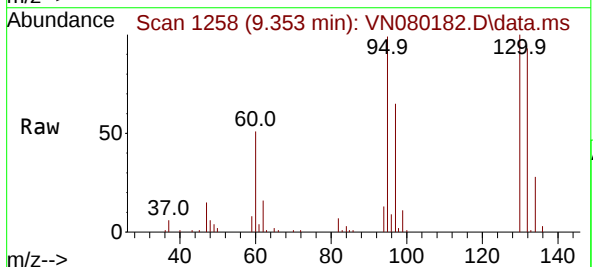
Tgt Ion: 43 Resp: 103914
Ion Ratio Lower Upper
43 100
61 27.6 24.7 37.1
87 14.5 14.6 21.8

Manual Integrations
APPROVED

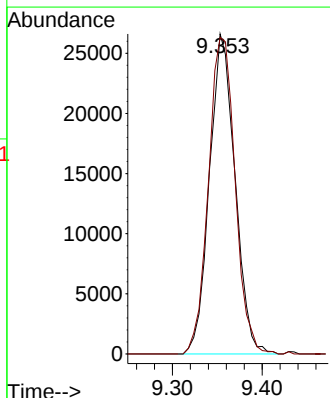
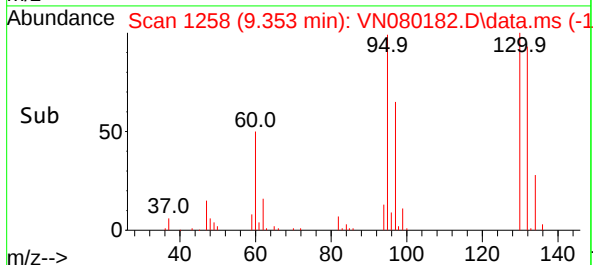
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#44
Trichloroethene
Concen: 18.455 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43



Tgt Ion:130 Resp: 52530
Ion Ratio Lower Upper
130 100
95 98.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.419 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 63 Resp: 4896

Ion Ratio Lower Upper

63 100

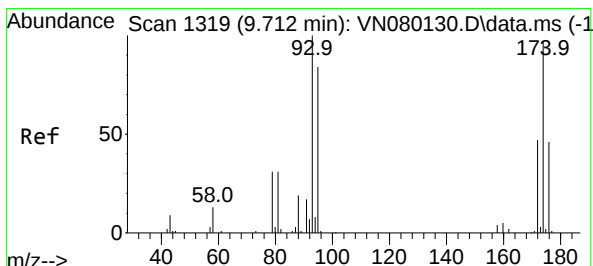
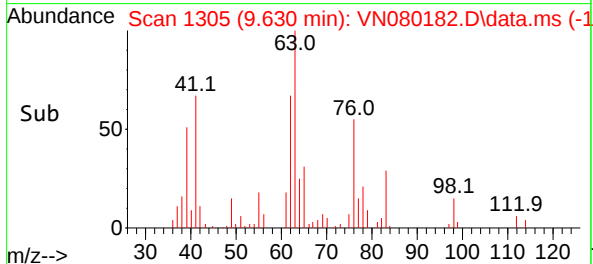
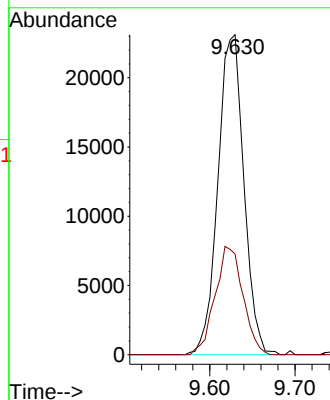
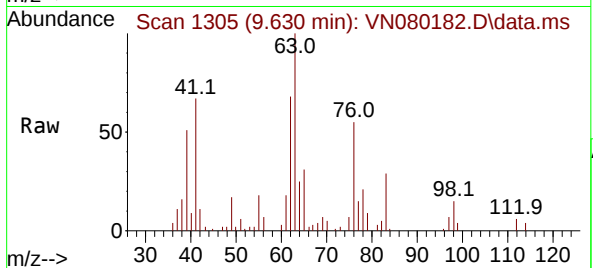
65 31.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 20.412 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

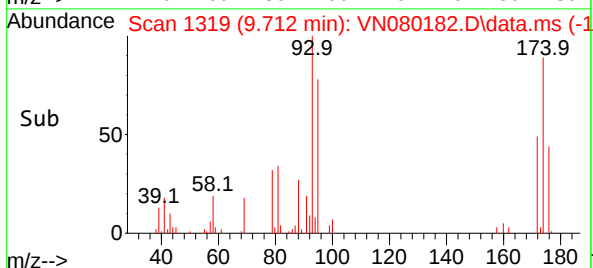
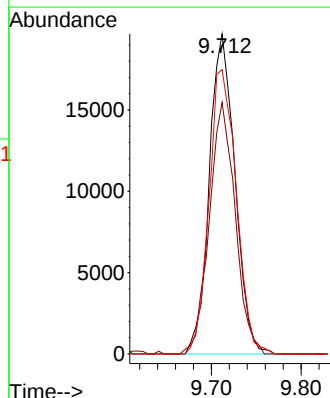
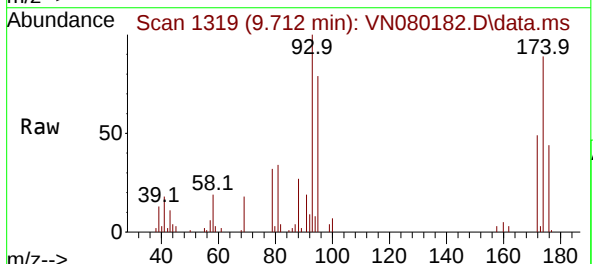
Tgt Ion: 93 Resp: 38963

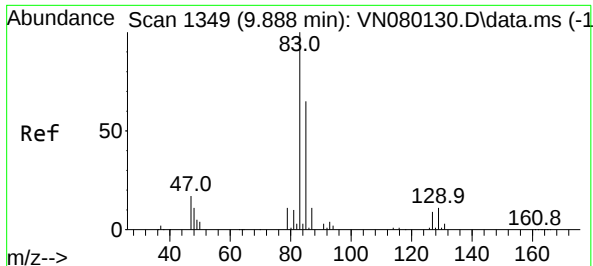
Ion Ratio Lower Upper

93 100

95 79.5 63.8 95.8

174 94.6 65.6 98.4





#47

Bromodichloromethane

Concen: 19.921 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

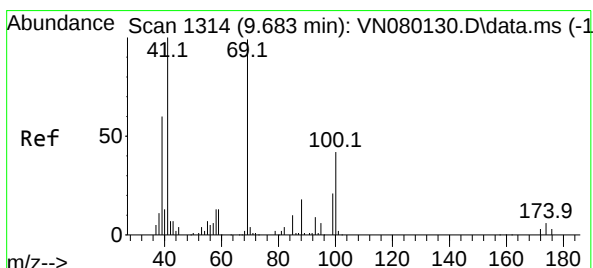
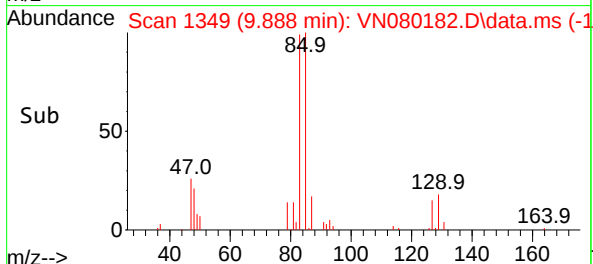
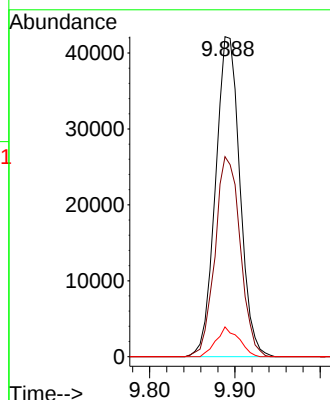
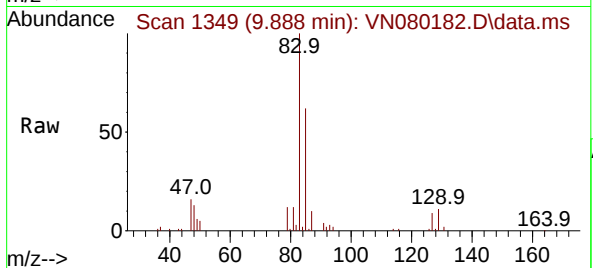
Tgt Ion:	83	Resp:	8364
Ion Ratio	Lower	Upper	
83	100		
85	62.5	49.6	74.4
127	9.3	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#48

Methyl methacrylate

Concen: 20.890 ug/l

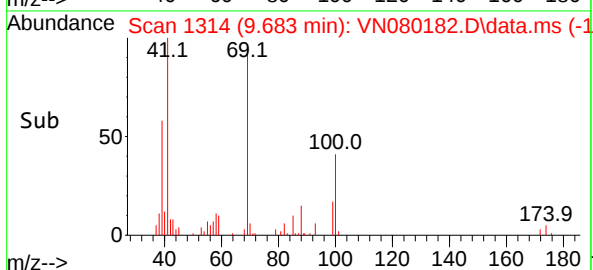
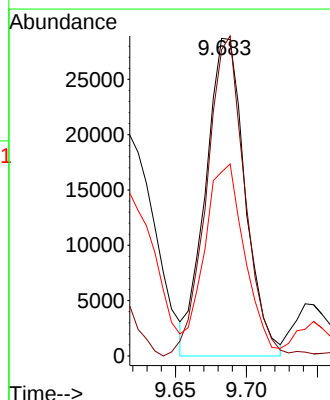
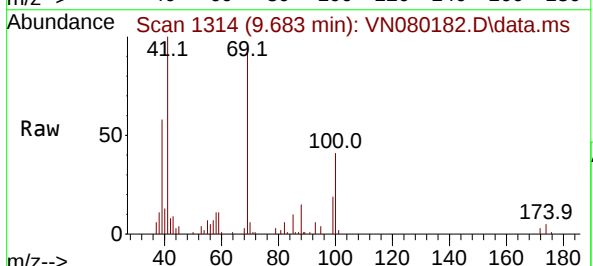
RT: 9.683 min Scan# 1314

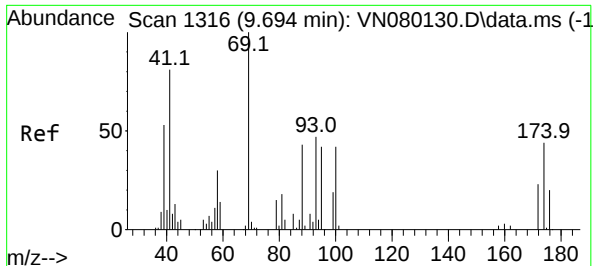
Delta R.T. -0.000 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Tgt Ion:	41	Resp:	55480
Ion Ratio	Lower	Upper	
41	100		
69	97.9	90.4	135.6
39	62.0	54.6	81.8





#49

1,4-Dioxane

Concen: 417.413 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 88 Resp: 1844

Ion Ratio Lower Upper

88 100

43 36.2 17.0 25.6

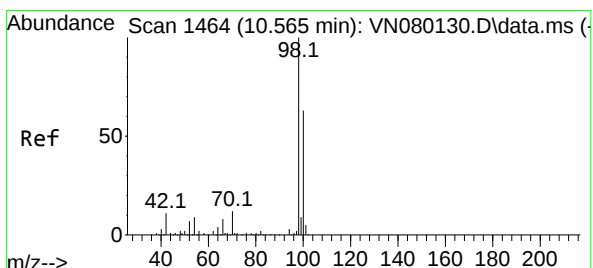
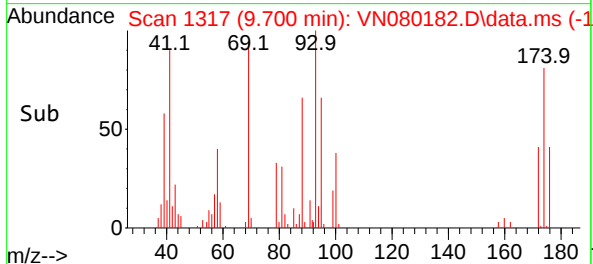
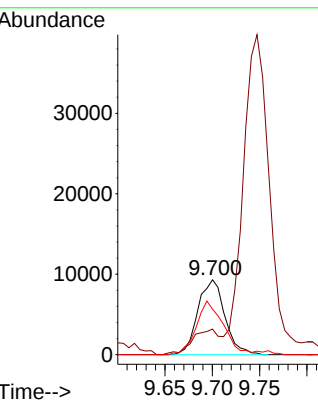
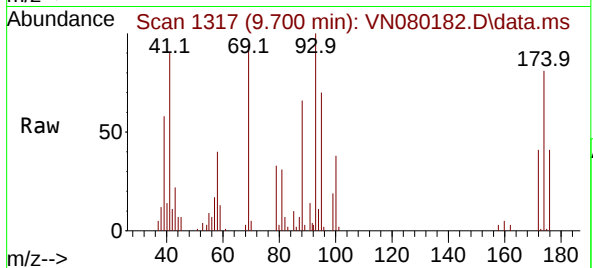
58 71.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 51.814 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080182.D

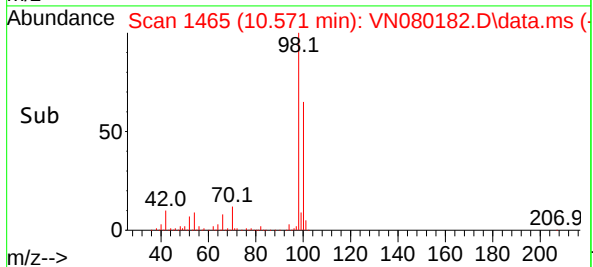
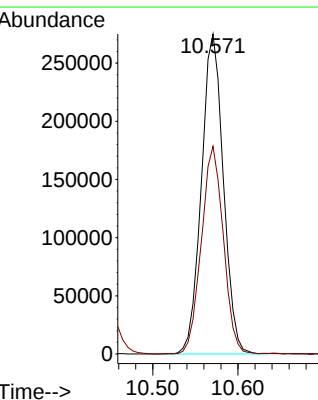
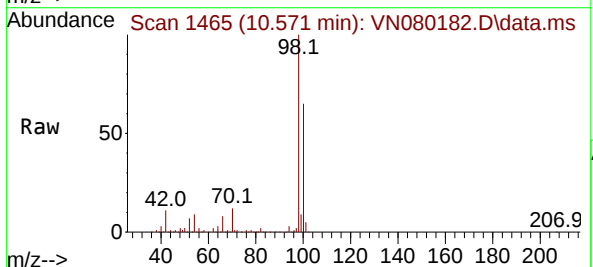
Acq: 18 Nov 2023 13:43

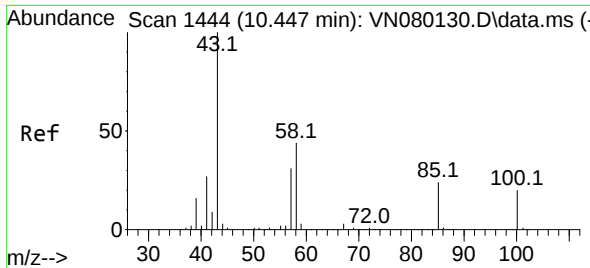
Tgt Ion: 98 Resp: 492541

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0





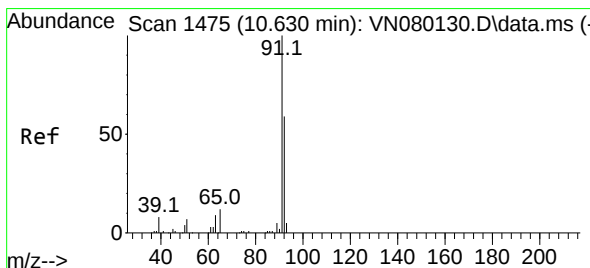
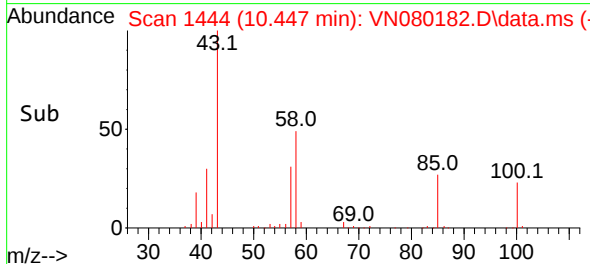
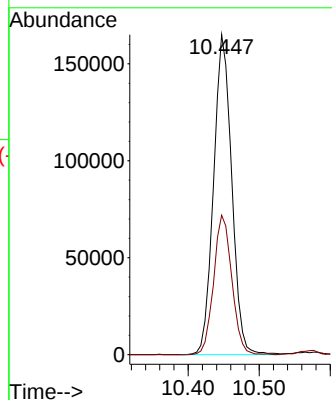
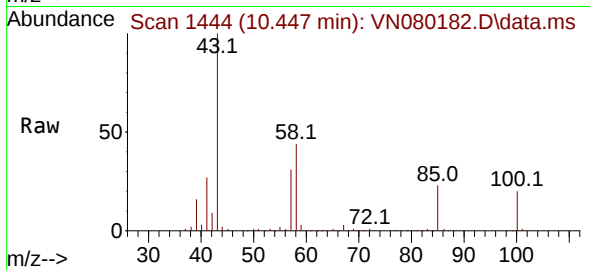
#51
4-Methyl-2-Pentanone
Concen: 109.692 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 43 Resp: 29266
Ion Ratio Lower Upper
43 100
58 43.7 36.6 54.8

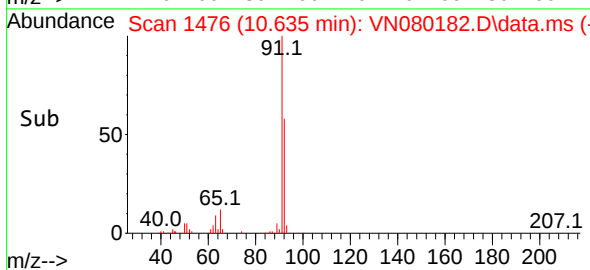
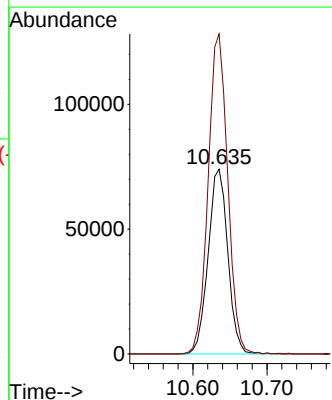
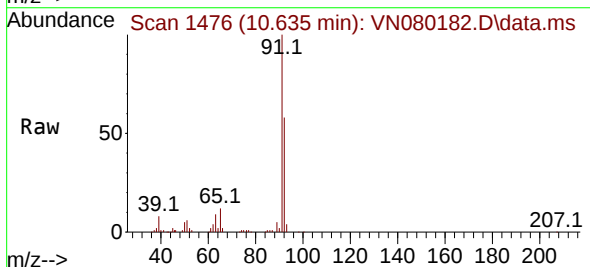
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 20.058 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Tgt Ion: 92 Resp: 136206
Ion Ratio Lower Upper
92 100
91 172.4 137.4 206.0





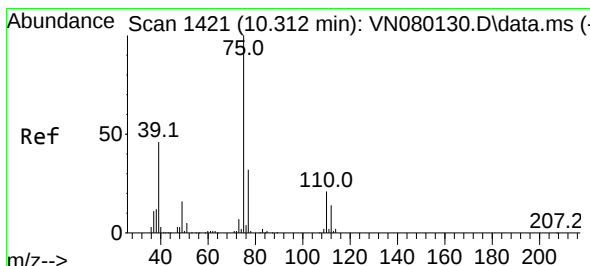
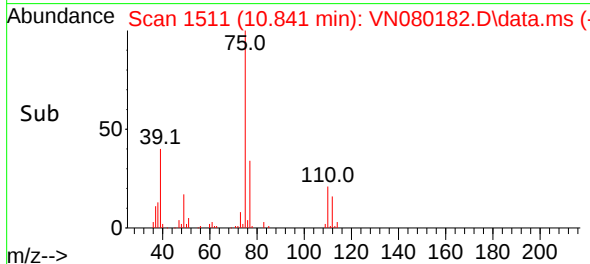
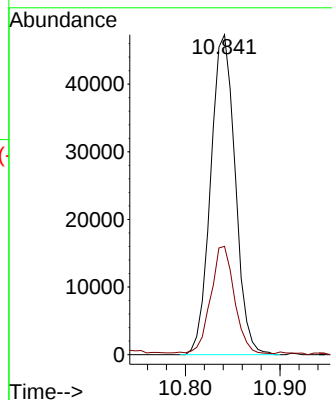
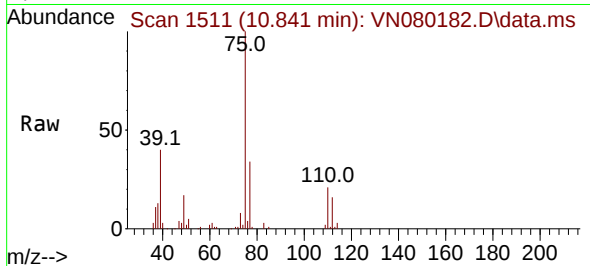
#53
t-1,3-Dichloropropene
Concen: 19.738 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 75 Resp: 85150
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0

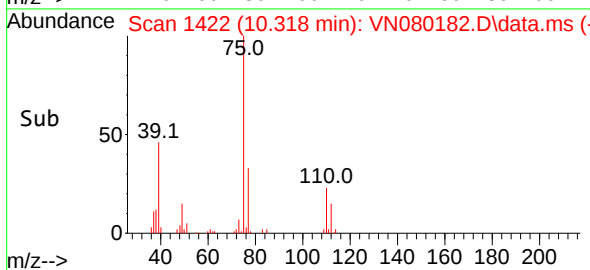
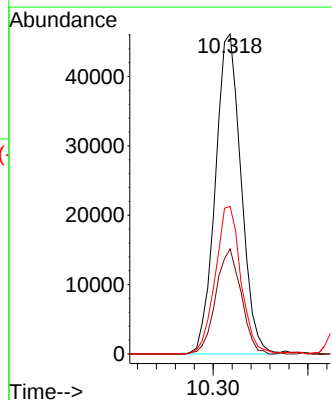
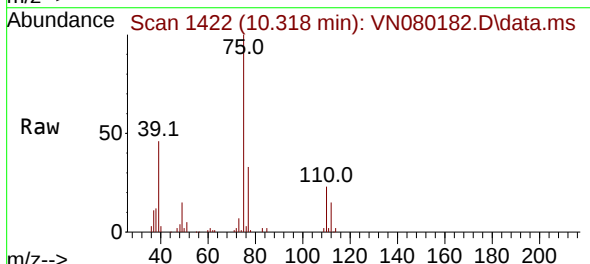
Manual Integrations
APPROVED

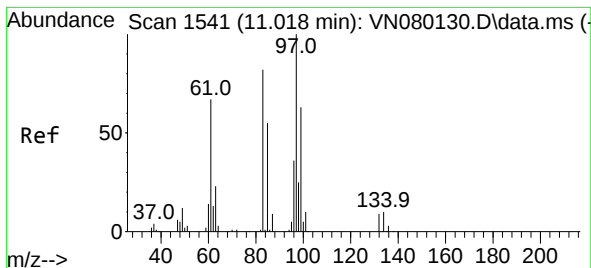
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#54
cis-1,3-Dichloropropene
Concen: 19.758 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

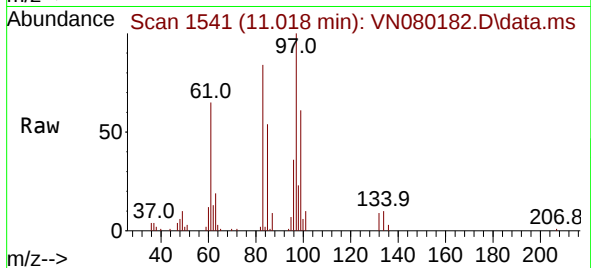
Tgt Ion: 75 Resp: 87082
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
39 46.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.265 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

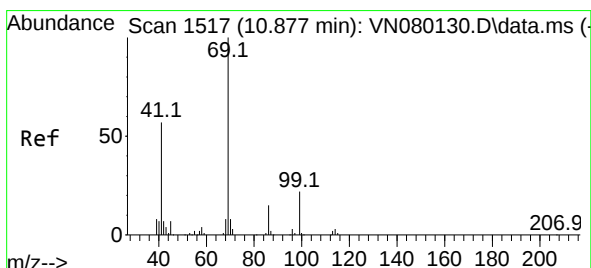
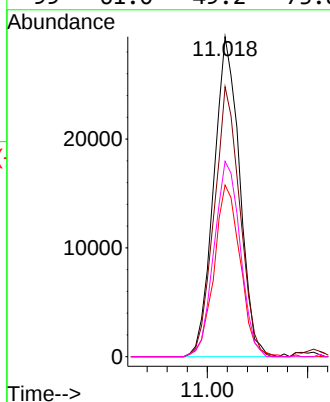
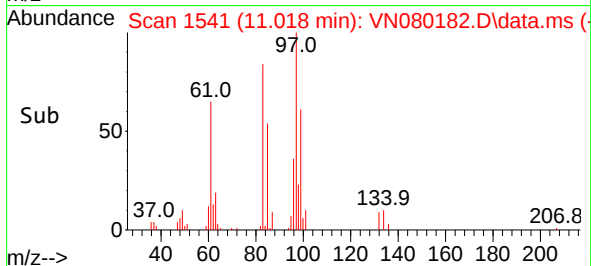
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



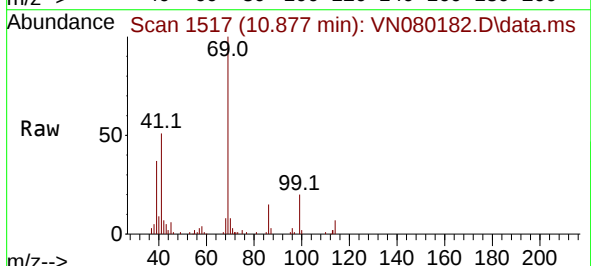
Tgt Ion: 97	Resp: 5252
Ion Ratio	Lower Upper
97 100	
83 84.3	65.1 97.7
85 53.6	43.4 65.2
99 61.0	49.2 73.8

Manual Integrations
APPROVED

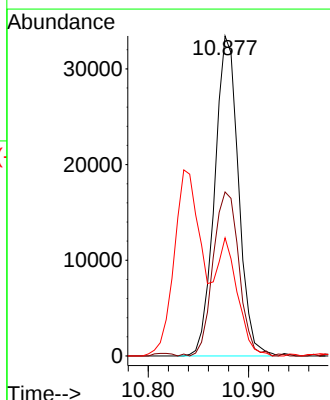
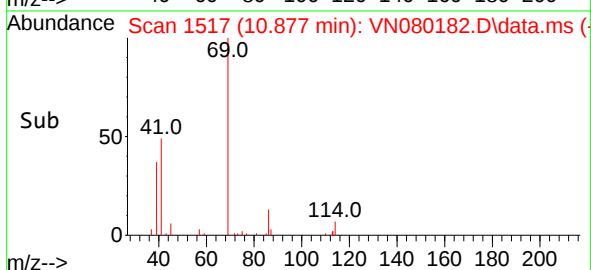
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

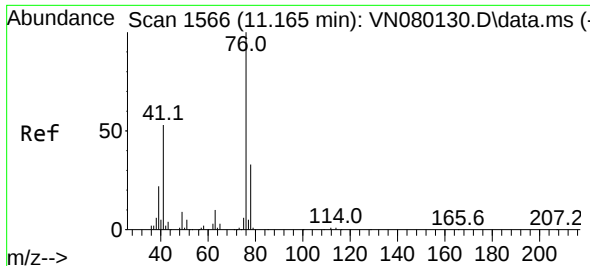


#56
Ethyl methacrylate
Concen: 20.816 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43



Tgt Ion: 69	Resp: 55115
Ion Ratio	Lower Upper
69 100	
41 56.0	39.6 59.4
39 29.7	28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.418 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 76 Resp: 87870

Ion Ratio Lower Upper

76 100

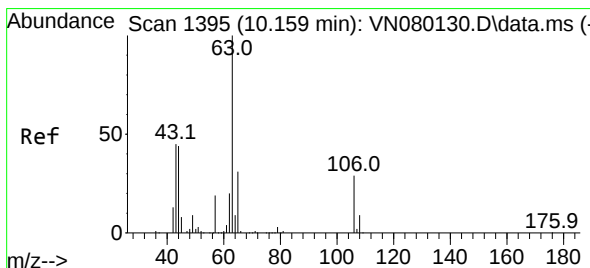
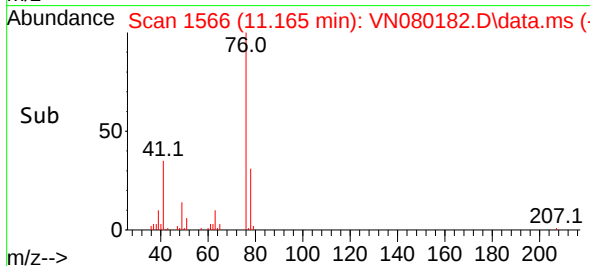
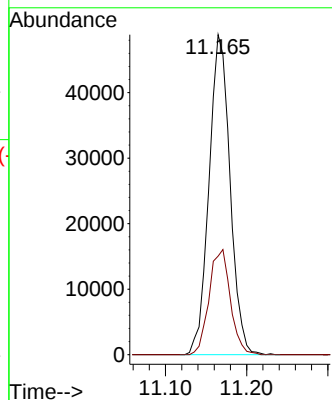
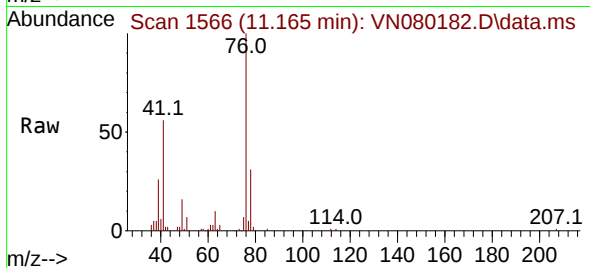
78 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 110.407 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080182.D

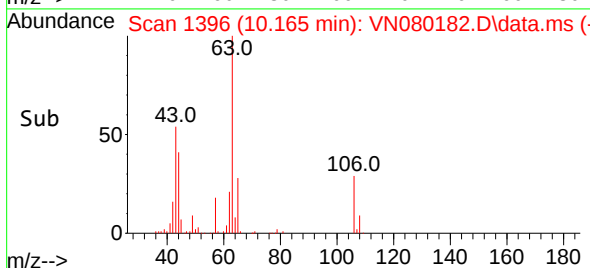
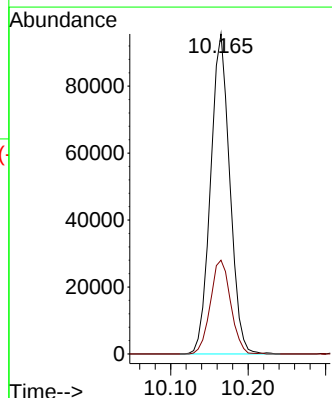
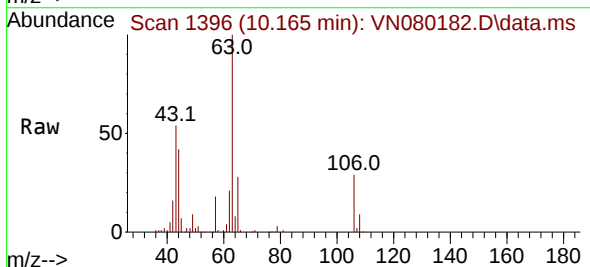
Acq: 18 Nov 2023 13:43

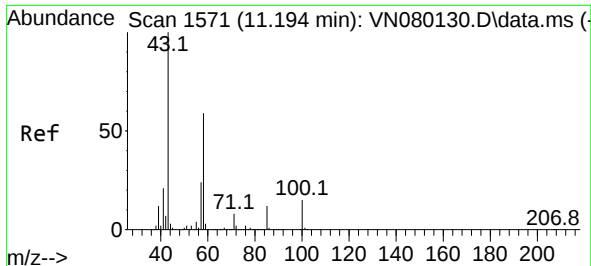
Tgt Ion: 63 Resp: 164692

Ion Ratio Lower Upper

63 100

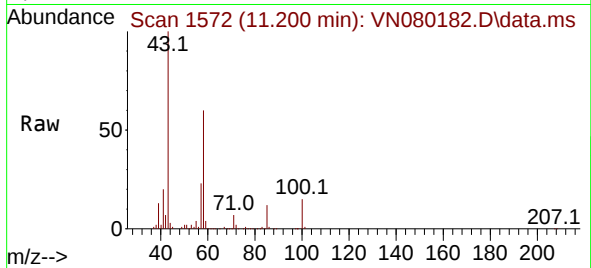
106 30.9 26.2 39.4





#59
2-Hexanone
Concen: 101.910 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

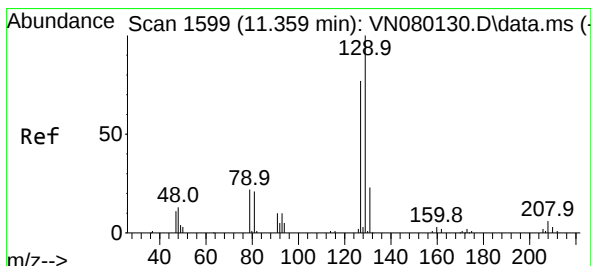
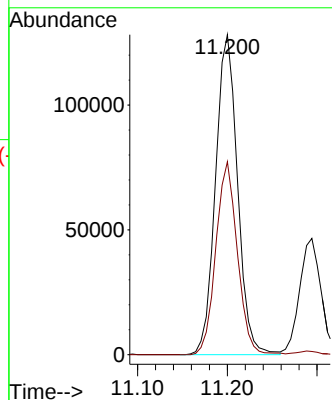
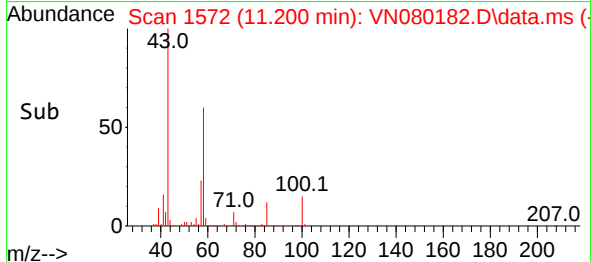
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 43 Resp: 21848
Ion Ratio Lower Upper
43 100
58 58.9 31.7 95.1

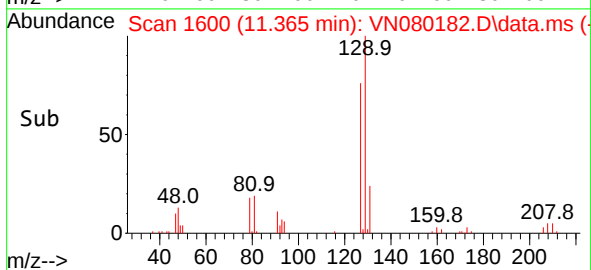
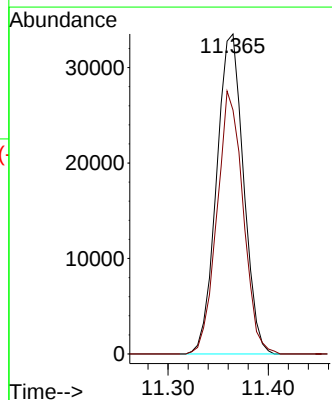
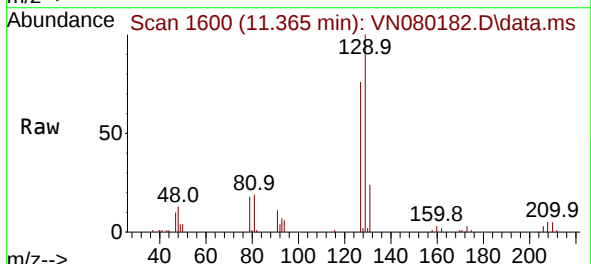
Manual Integrations
APPROVED

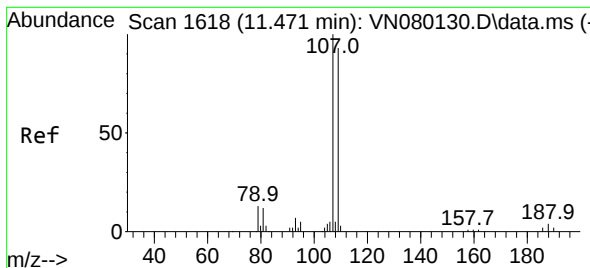
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 20.184 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Tgt Ion:129 Resp: 62630
Ion Ratio Lower Upper
129 100
127 79.6 38.6 116.0





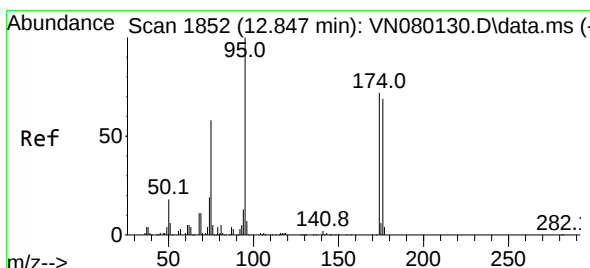
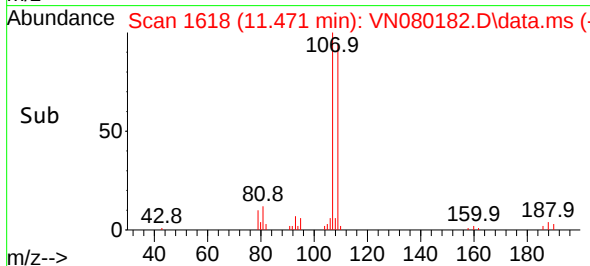
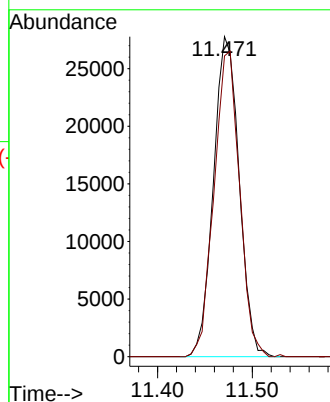
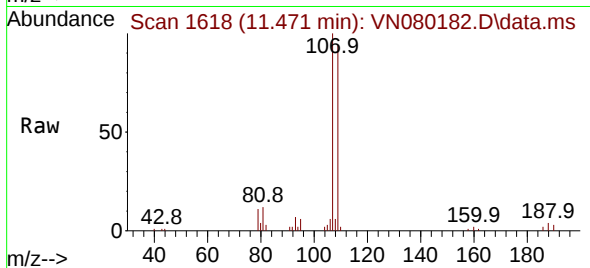
#61
1,2-Dibromoethane
Concen: 19.771 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:107 Resp: 52278
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8

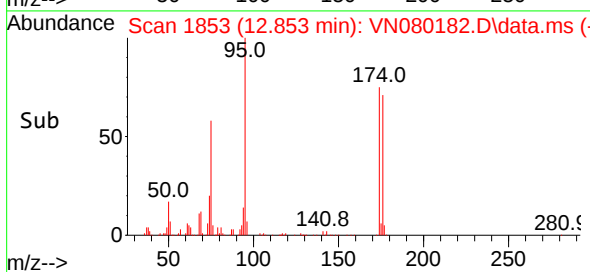
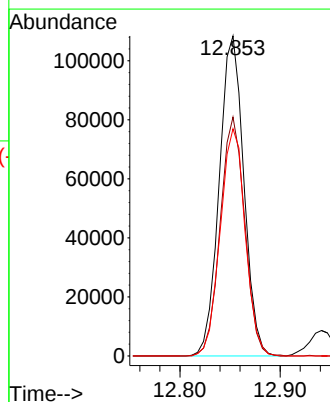
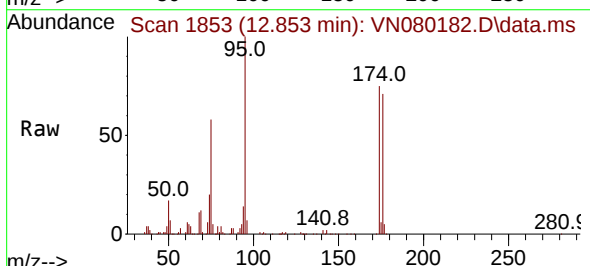
Manual Integrations
APPROVED

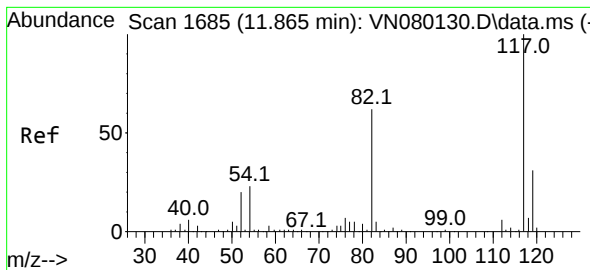
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#62
4-Bromofluorobenzene
Concen: 51.334 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Tgt Ion: 95 Resp: 184319
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 72.1 0.0 135.8





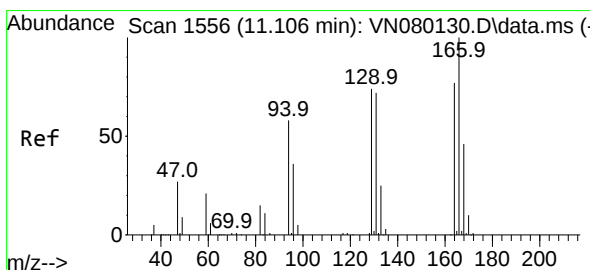
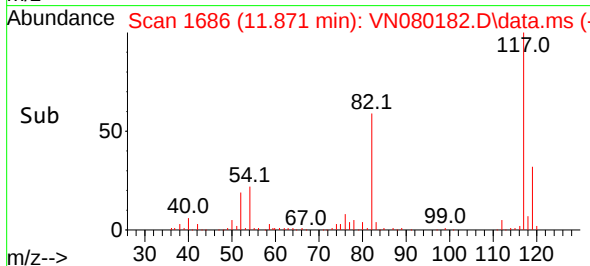
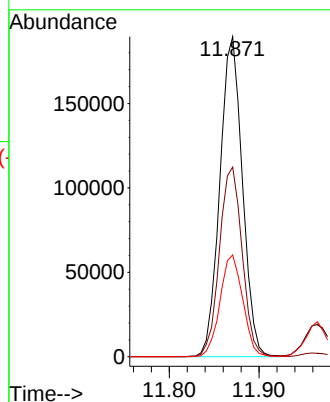
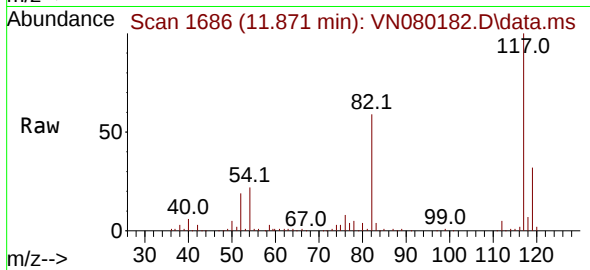
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:117 Resp: 330460
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 31.8 25.6 38.4

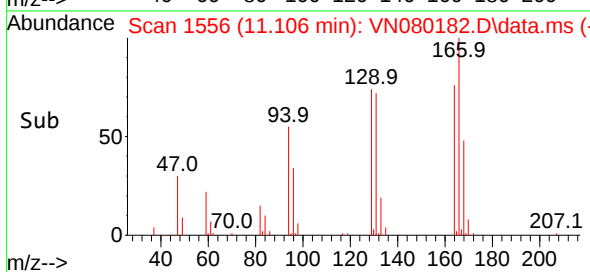
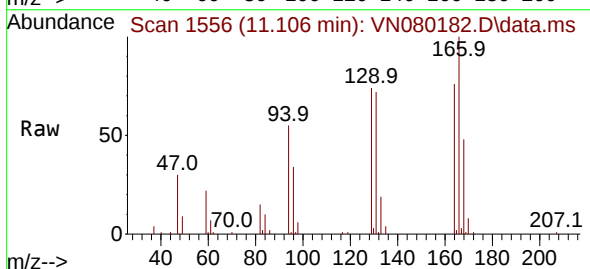
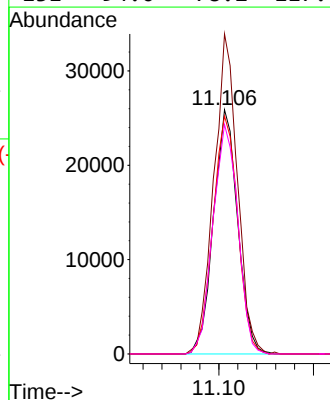
Manual Integrations
APPROVED

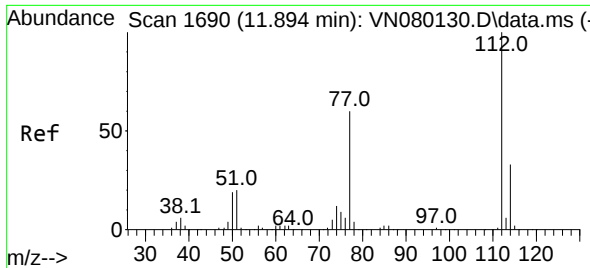
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 18.145 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

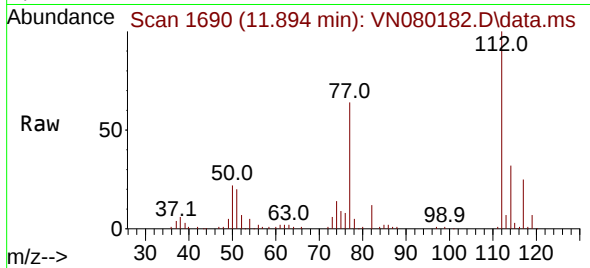
Tgt Ion:164 Resp: 45762
Ion Ratio Lower Upper
164 100
166 131.0 101.4 152.0
129 97.4 82.4 123.6
131 94.0 78.2 117.4





#65
Chlorobenzene
Concen: 18.449 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

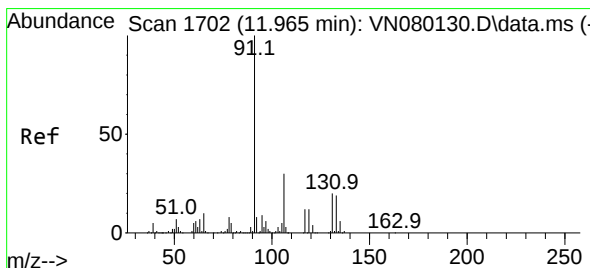
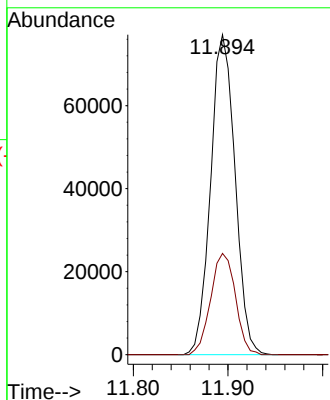
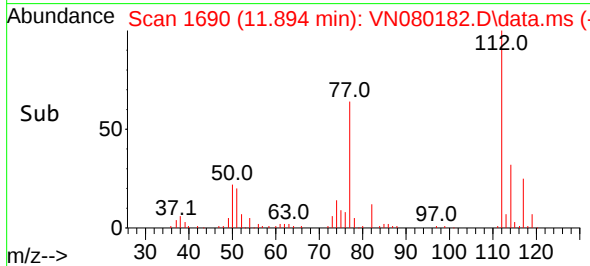
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



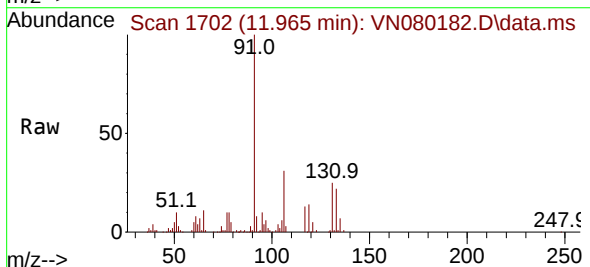
Tgt Ion:112 Resp: 13814
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4

Manual Integrations
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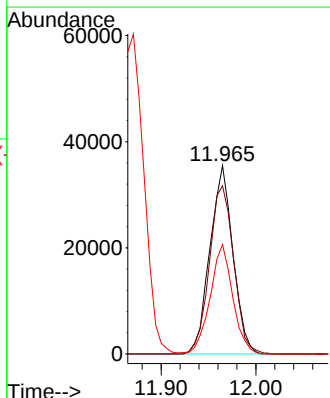
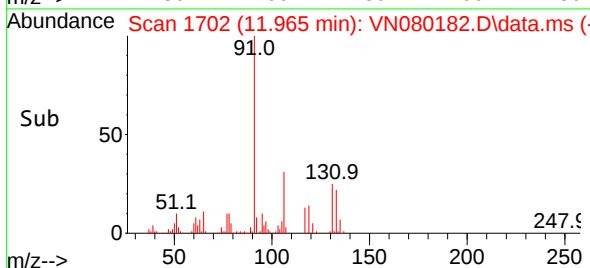
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

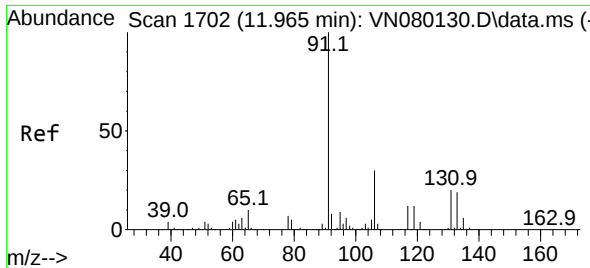


#66
1,1,1,2-Tetrachloroethane
Concen: 20.639 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43



Tgt Ion:131 Resp: 59973
Ion Ratio Lower Upper
131 100
133 94.2 46.4 139.1
119 57.1 34.1 102.2





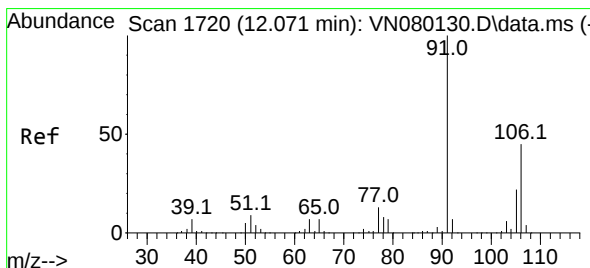
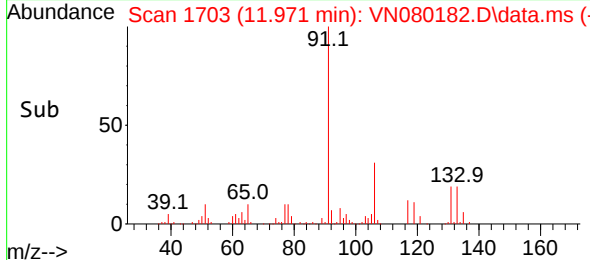
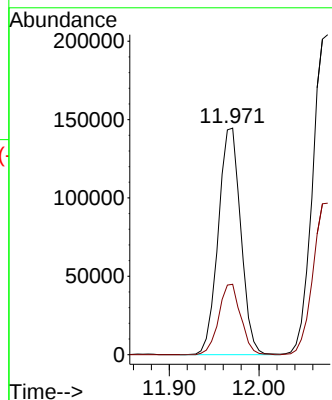
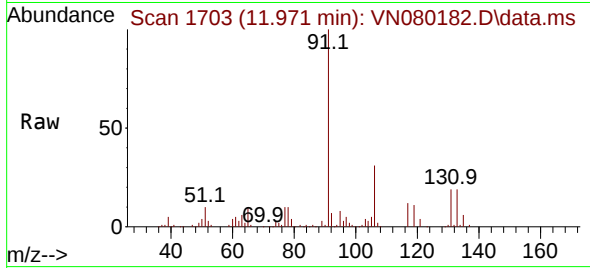
#67
Ethyl Benzene
Concen: 18.895 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 91 Resp: 25176
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4

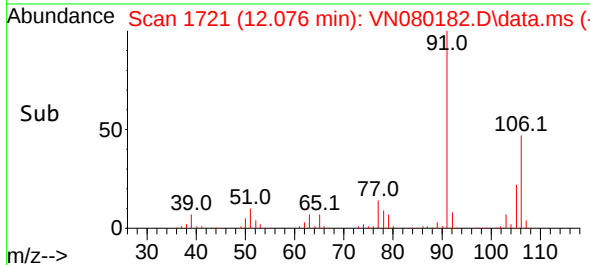
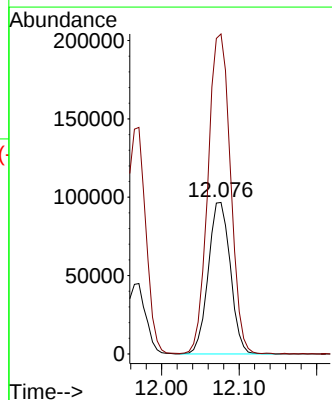
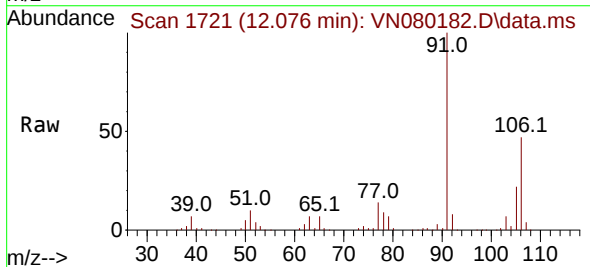
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#68
m/p-Xylenes
Concen: 39.296 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Tgt Ion:106 Resp: 190909
Ion Ratio Lower Upper
106 100
91 215.0 159.6 239.4





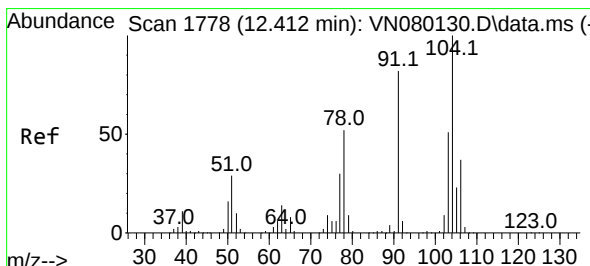
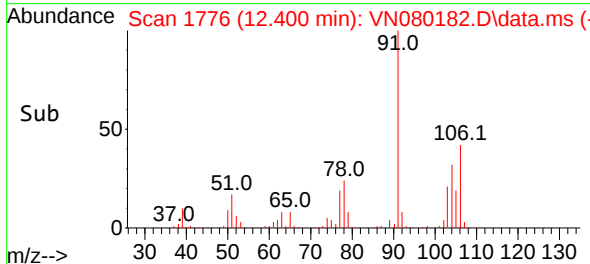
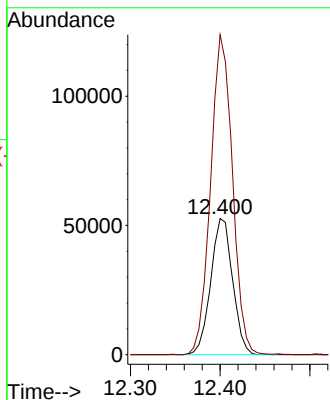
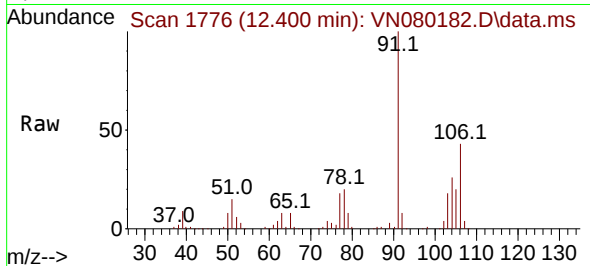
#69
o-Xylene
Concen: 19.475 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:106 Resp: 89169
Ion Ratio Lower Upper
106 100
91 234.9 105.2 315.5

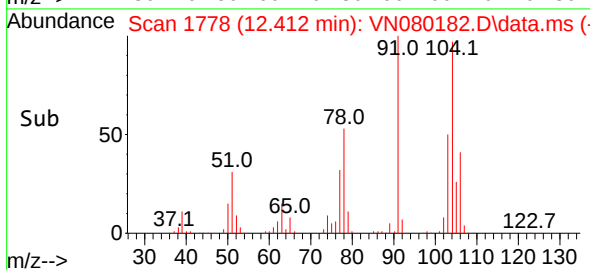
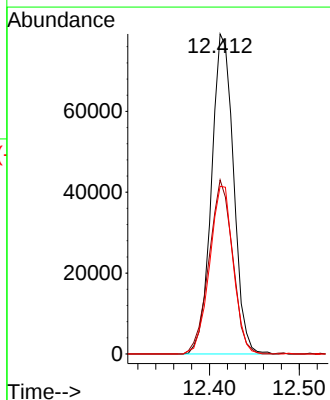
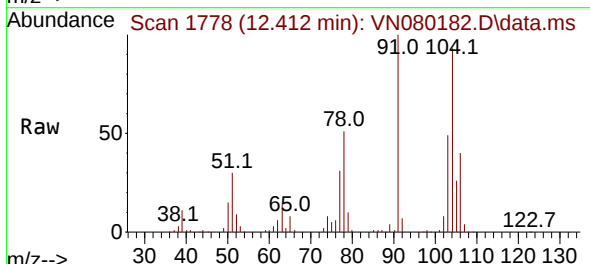
Manual Integrations
APPROVED

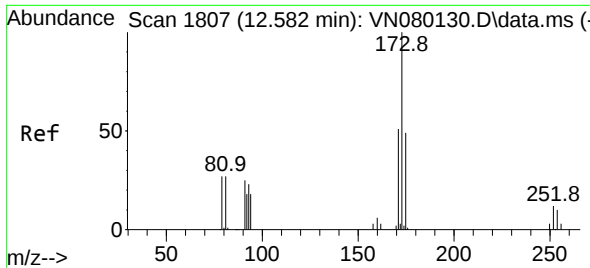
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 19.848 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Tgt Ion:104 Resp: 135260
Ion Ratio Lower Upper
104 100
78 58.2 39.5 59.3
103 55.8 43.2 64.8





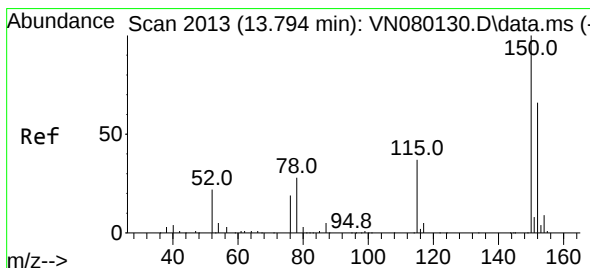
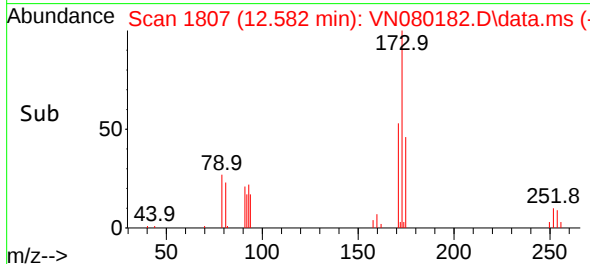
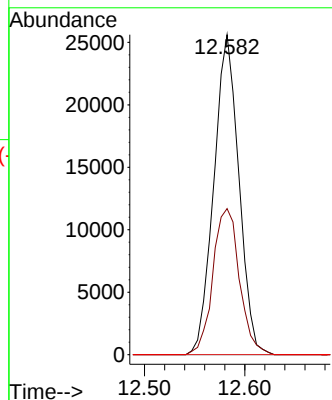
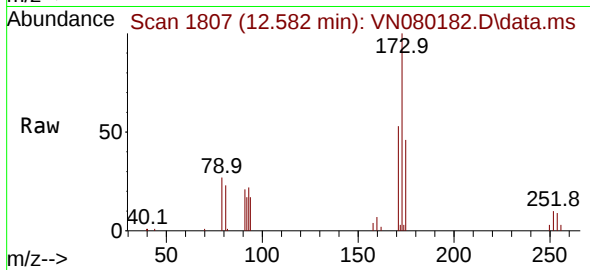
#71
Bromoform
Concen: 20.611 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:173 Resp: 4441
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

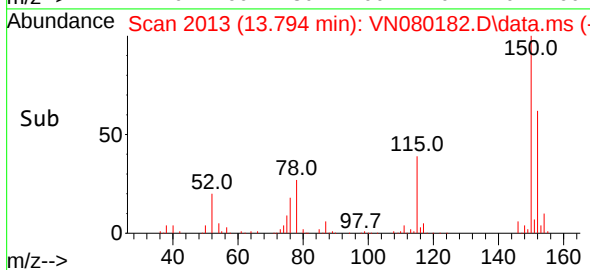
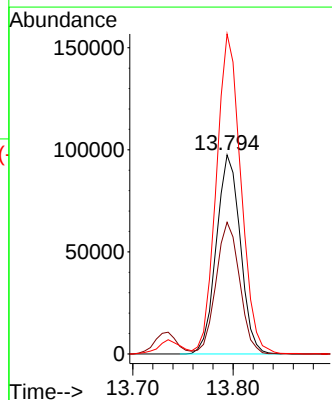
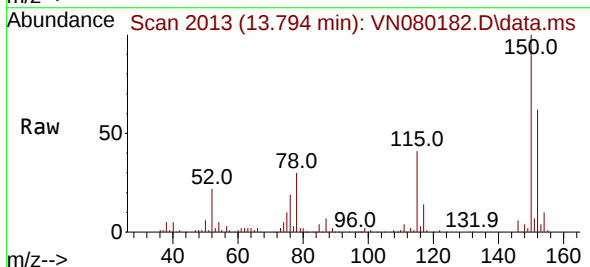
Manual Integrations
APPROVED

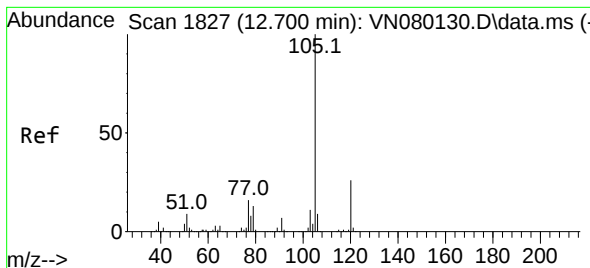
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Tgt Ion:152 Resp: 162028
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 164.9 0.0 355.8





#73

Isopropylbenzene

Concen: 18.916 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion:105 Resp: 23816

Ion Ratio Lower Upper

105 100

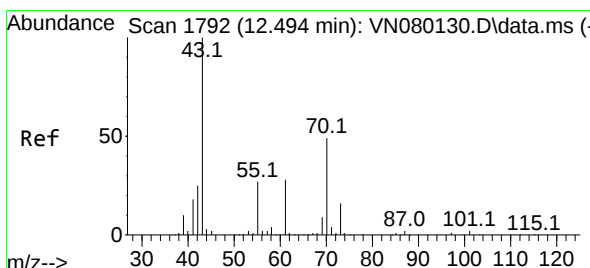
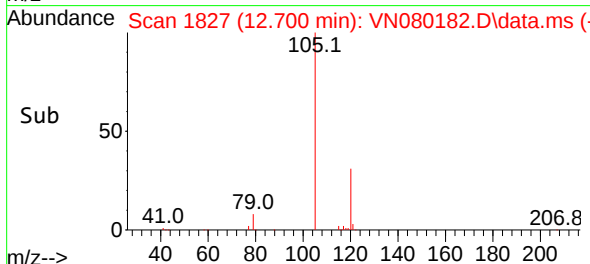
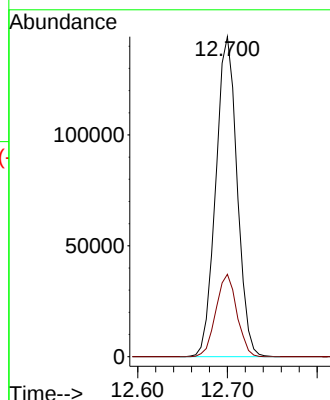
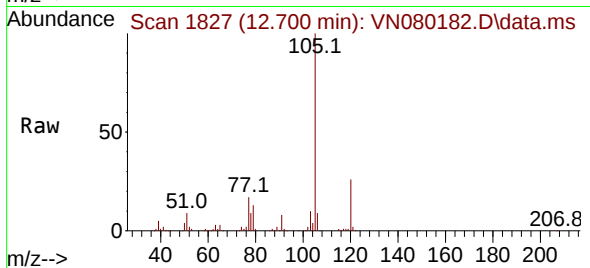
120 25.3 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#74

N-ethyl acetate

Concen: 19.438 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Tgt Ion: 43 Resp: 76321

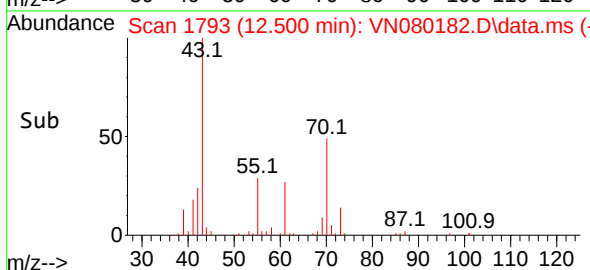
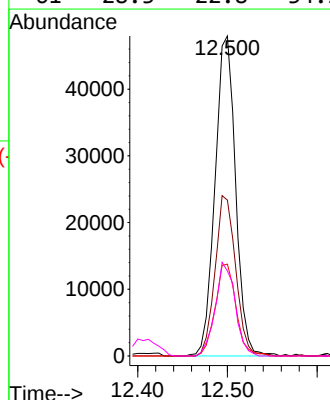
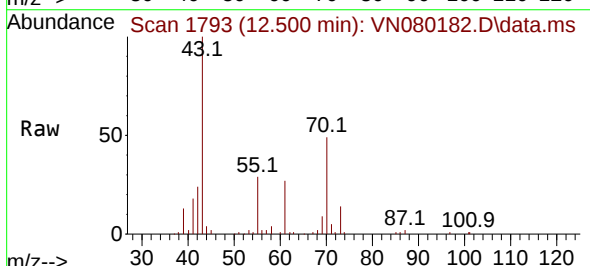
Ion Ratio Lower Upper

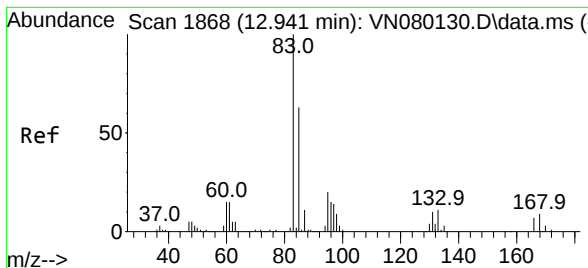
43 100

70 50.2 43.4 65.2

55 29.1 21.4 32.0

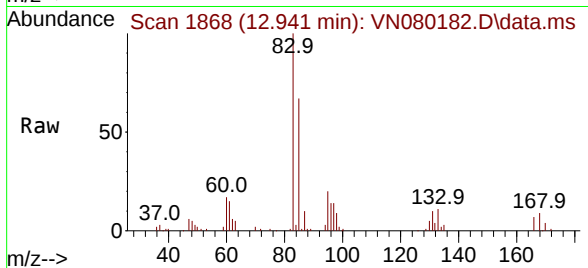
61 28.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.962 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

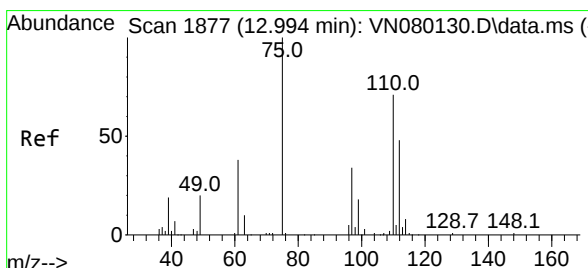
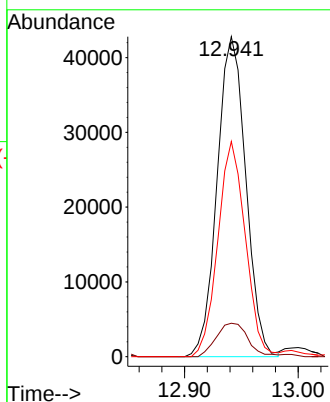
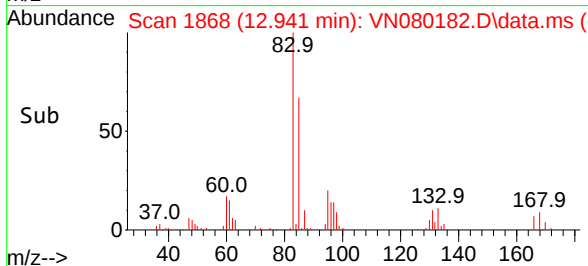
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



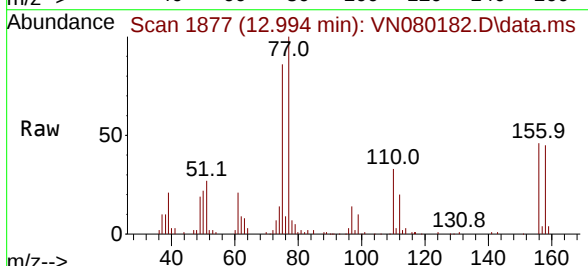
Tgt Ion: 83 Resp: 75224
Ion Ratio Lower Upper
83 100
131 11.9 5.0 15.0
85 64.4 31.9 95.7

Manual Integrations
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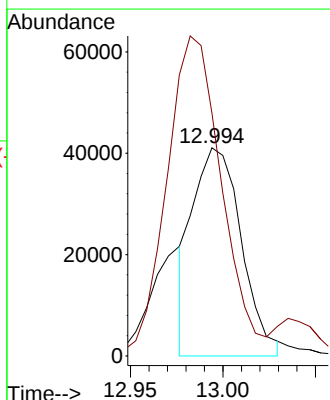
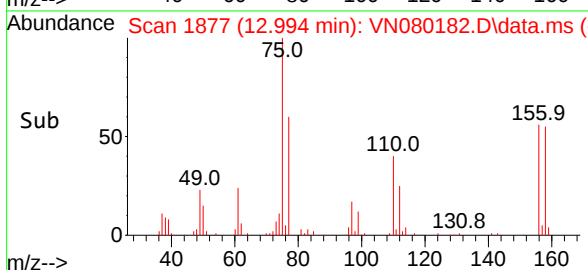
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

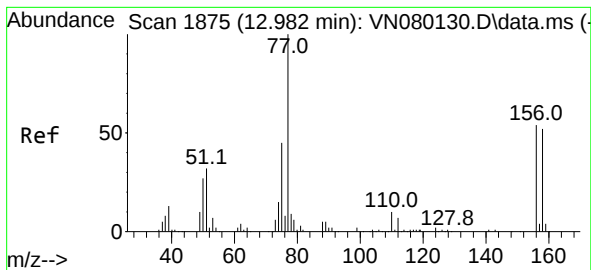


#76
1,2,3-Trichloropropane
Concen: 18.829 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43



Tgt Ion: 75 Resp: 74750
Ion Ratio Lower Upper
75 100
77 174.1 84.5 253.5





#77

Bromobenzene

Concen: 18.638 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

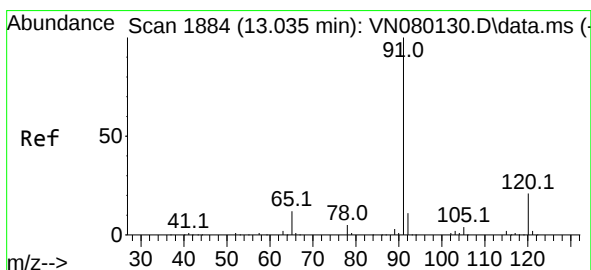
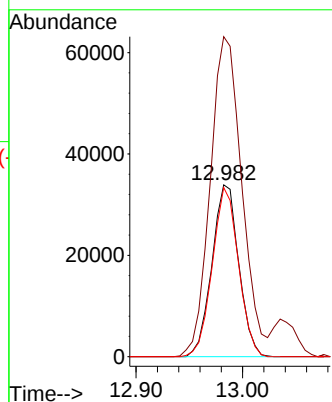
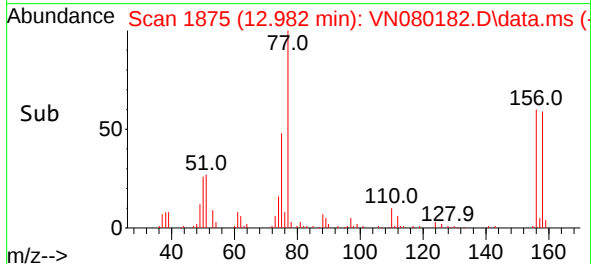
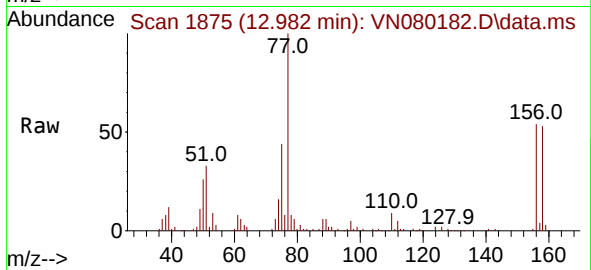
Tgt Ion:156 Resp: 5916
 Ion Ratio Lower Upper
 156 100
 77 219.9 107.7 323.3
 158 96.0 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 19.123 ug/l

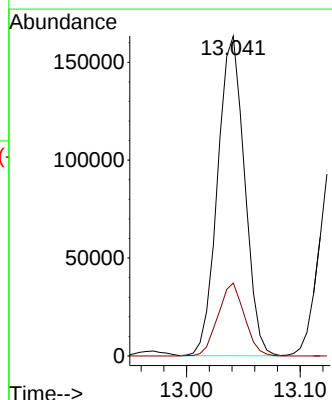
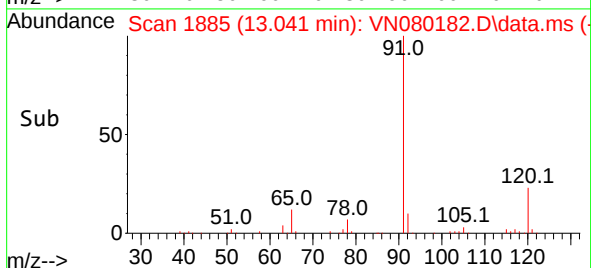
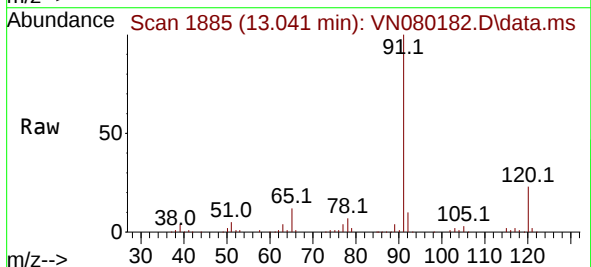
RT: 13.041 min Scan# 1885

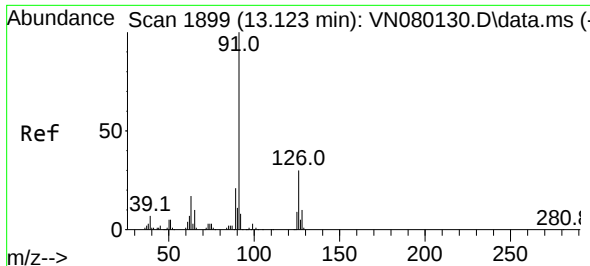
Delta R.T. 0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Tgt Ion: 91 Resp: 269241
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.5 34.4





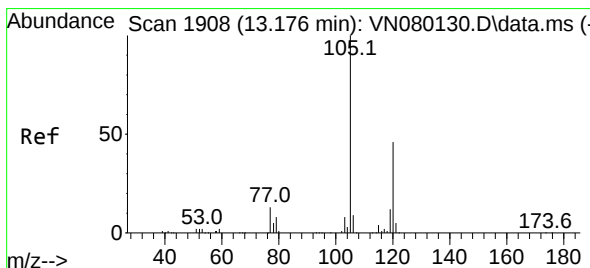
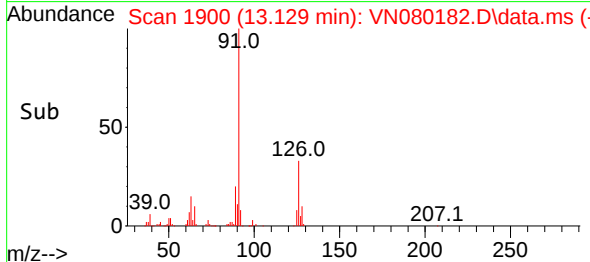
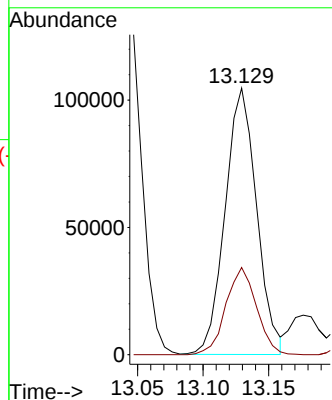
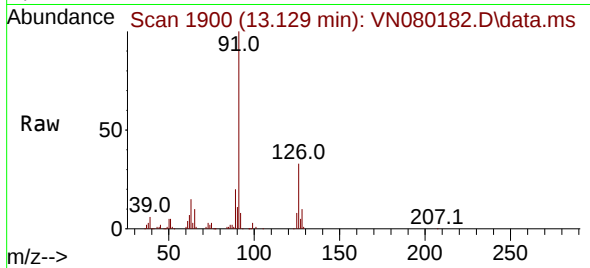
#79
2-Chlorotoluene
Concen: 19.152 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 91 Resp: 17513
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8

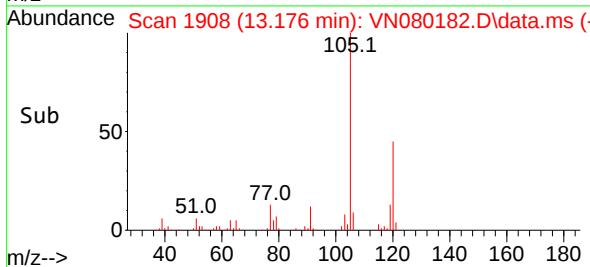
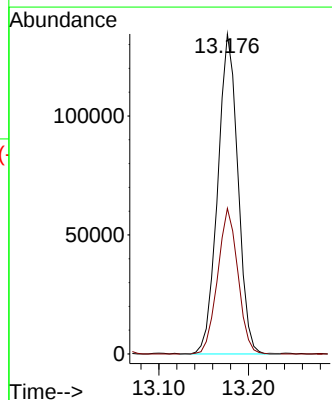
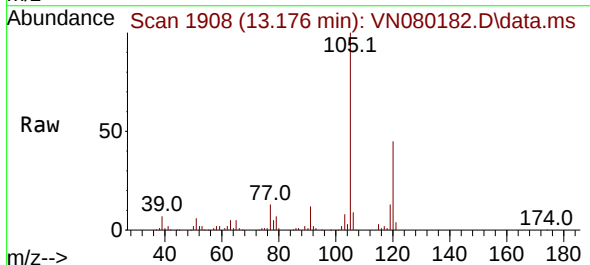
Manual Integrations
APPROVED

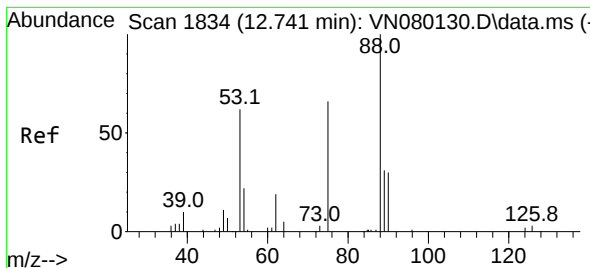
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.171 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Tgt Ion:105 Resp: 210123
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3





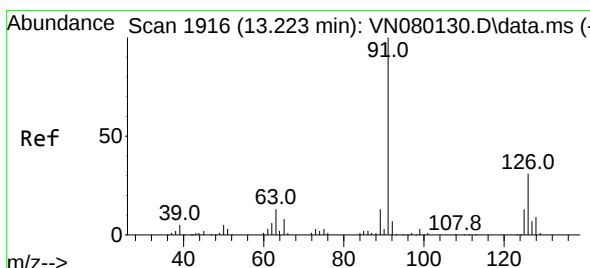
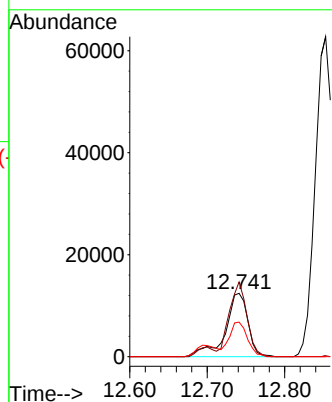
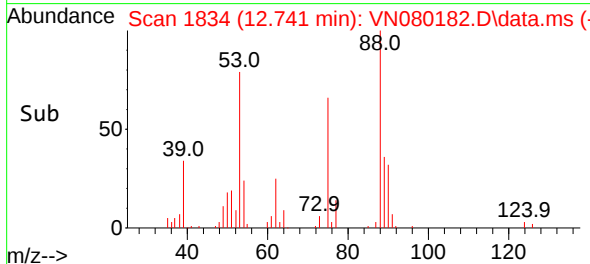
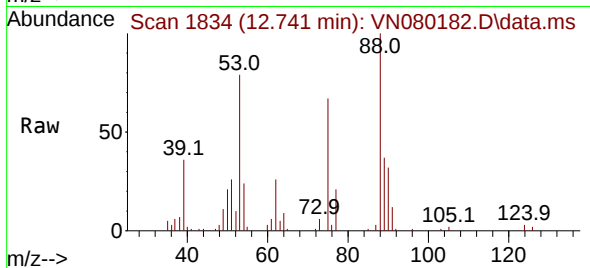
#81
trans-1,4-Dichloro-2-butene
Concen: 21.367 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 75 Resp: 2510
Ion Ratio Lower Upper
75 100
53 93.0 67.4 101.2
89 43.6 38.8 58.2

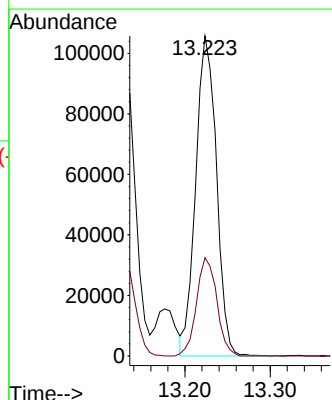
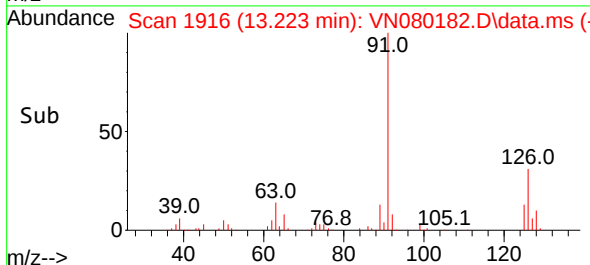
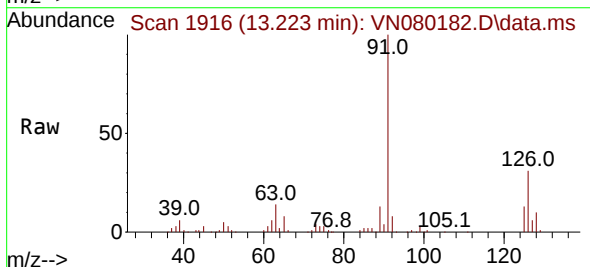
Manual Integrations
APPROVED

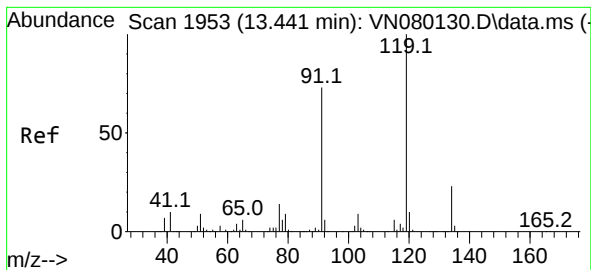
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 19.058 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

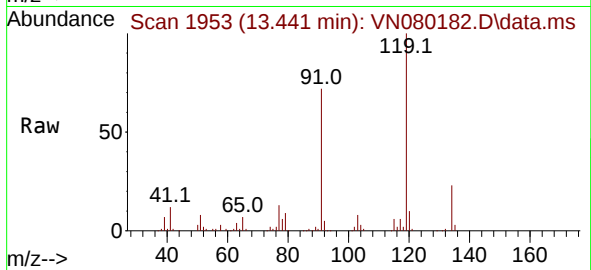
Tgt Ion: 91 Resp: 178535
Ion Ratio Lower Upper
91 100
126 30.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.040 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

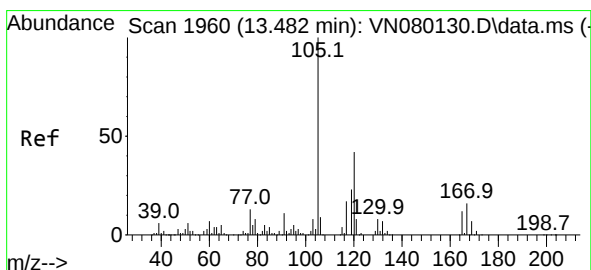
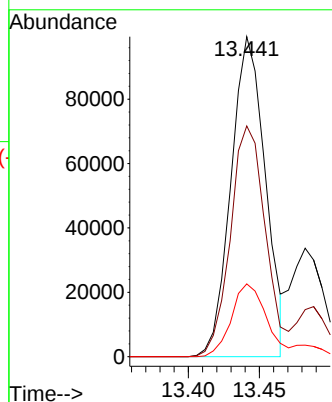
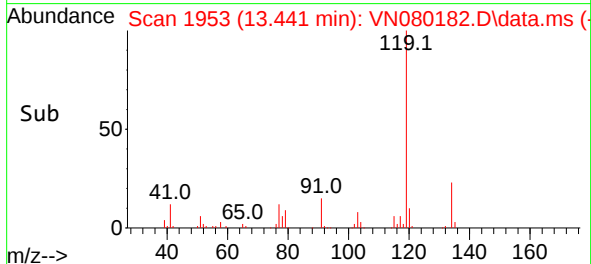
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



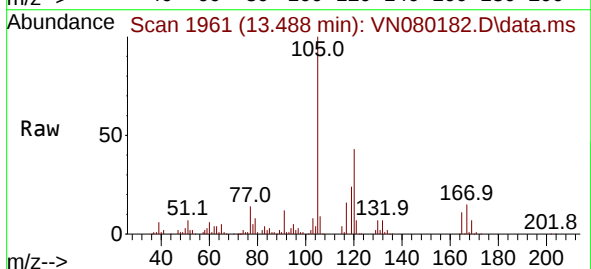
Tgt Ion:119 Resp: 167349
Ion Ratio Lower Upper
119 100
91 73.8 33.9 101.7
134 23.0 13.2 39.6

Manual Integrations
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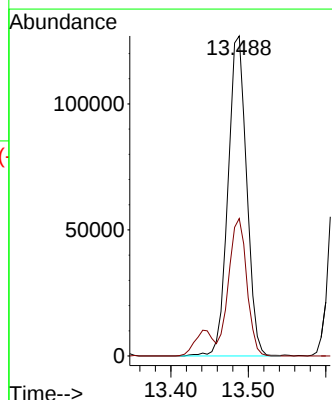
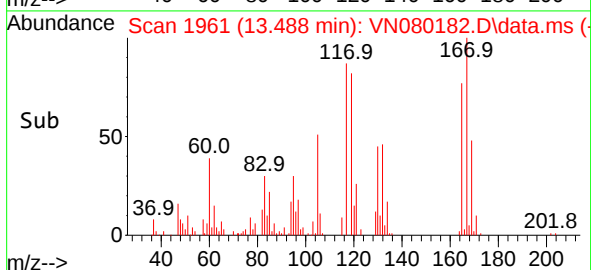
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

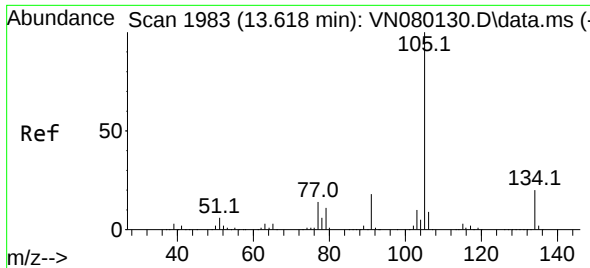


#84
1,2,4-Trimethylbenzene
Concen: 19.634 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43



Tgt Ion:105 Resp: 211891
Ion Ratio Lower Upper
105 100
120 41.8 22.0 66.0





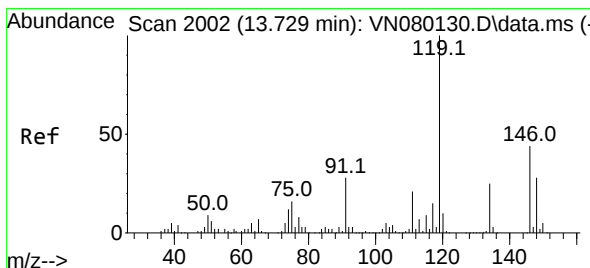
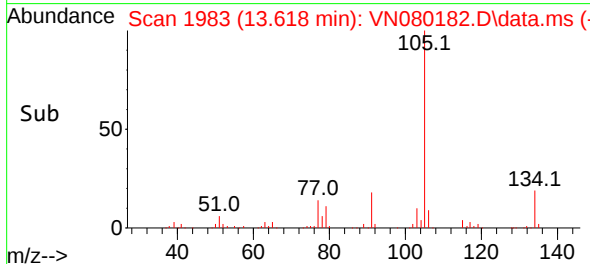
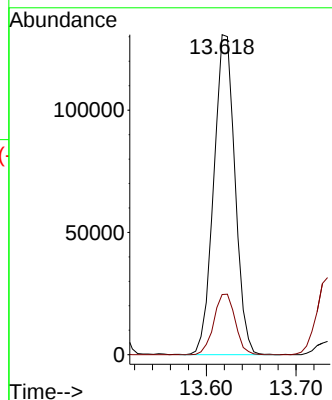
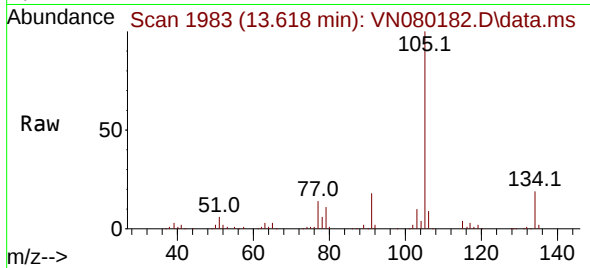
#85
 sec-Butylbenzene
 Concen: 19.347 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080182.D
 Acq: 18 Nov 2023 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

Tgt Ion:105 Resp: 215110
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

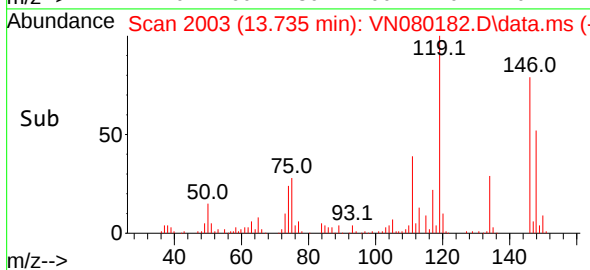
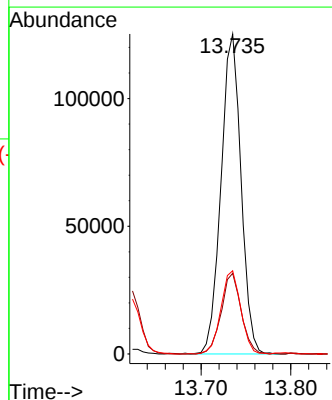
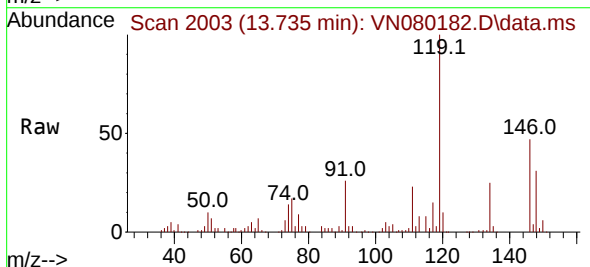
Manual Integrations
 APPROVED

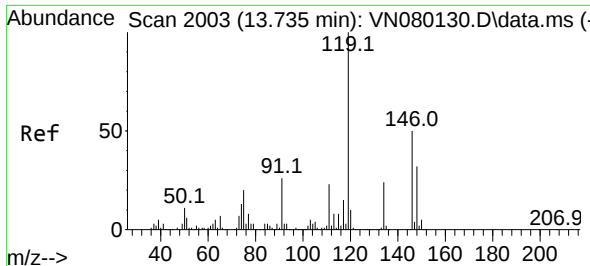
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#86
 p-Isopropyltoluene
 Concen: 19.493 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080182.D
 Acq: 18 Nov 2023 13:43

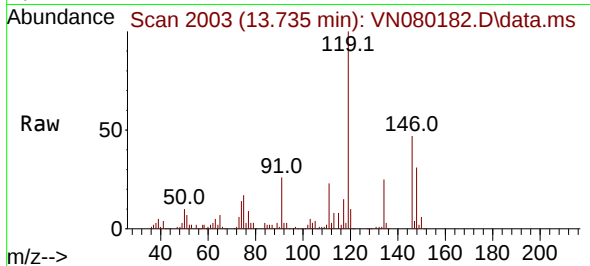
Tgt Ion:119 Resp: 193609
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 25.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.808 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

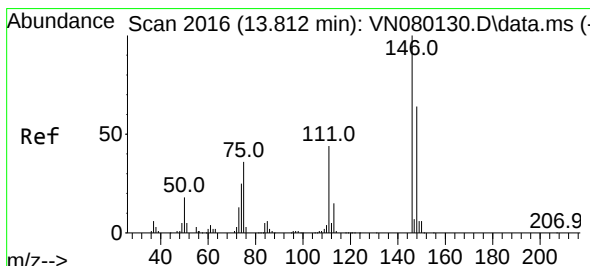
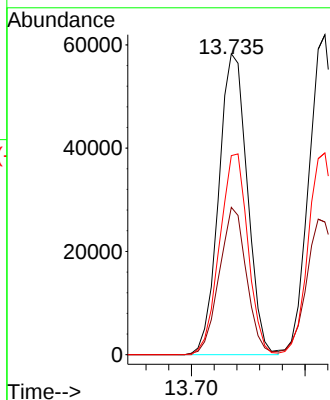
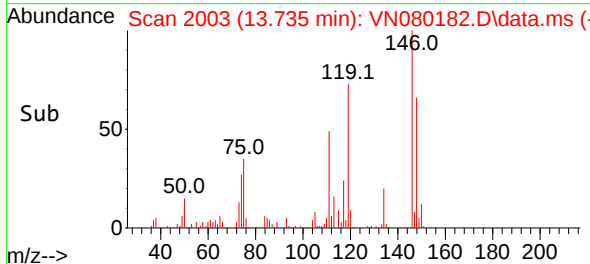
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



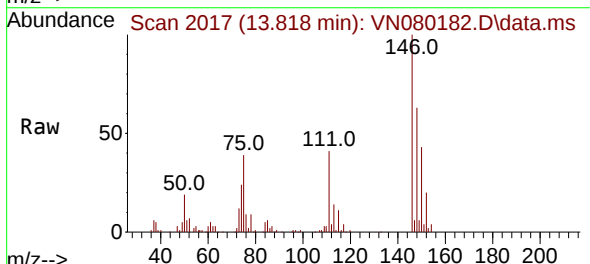
Tgt Ion:146 Resp: 101850
Ion Ratio Lower Upper
146 100
111 46.6 22.1 66.3
148 66.0 32.0 96.0

Manual Integrations
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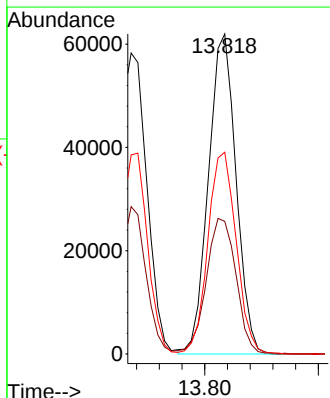
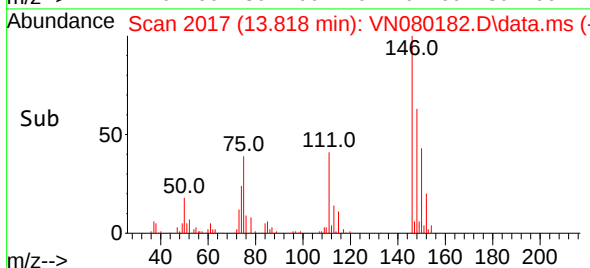
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

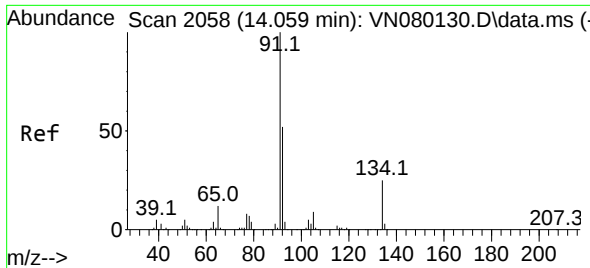


#88
1,4-Dichlorobenzene
Concen: 18.224 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43



Tgt Ion:146 Resp: 104745
Ion Ratio Lower Upper
146 100
111 45.9 20.6 61.8
148 64.8 31.6 94.8





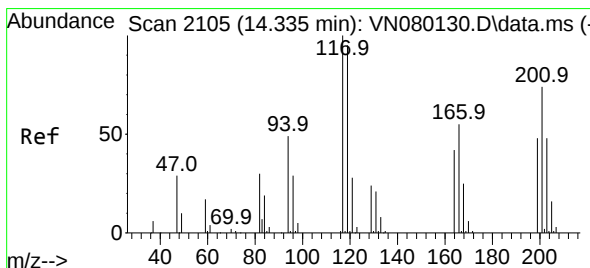
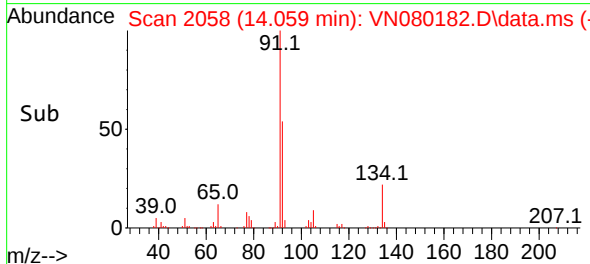
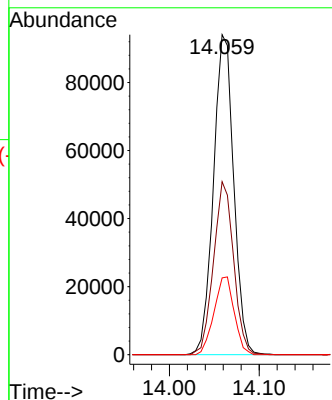
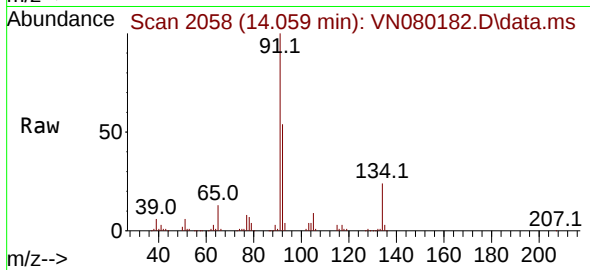
#89
n-Butylbenzene
Concen: 17.732 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 91 Resp: 14741
Ion Ratio Lower Upper
91 100
92 53.6 26.4 79.0
134 24.2 12.6 37.6

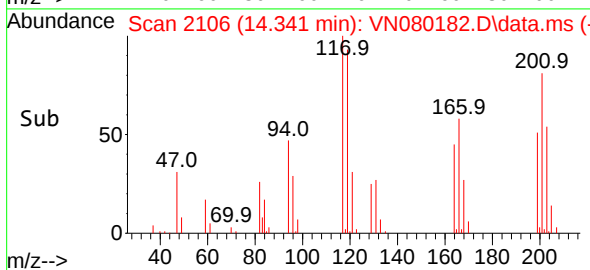
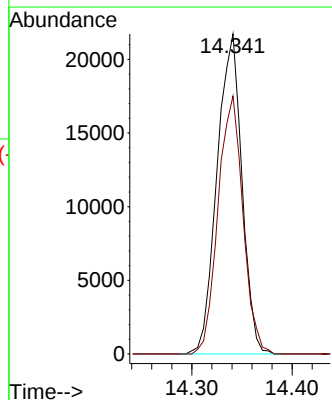
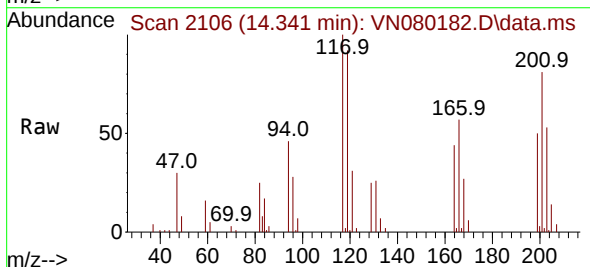
Manual Integrations
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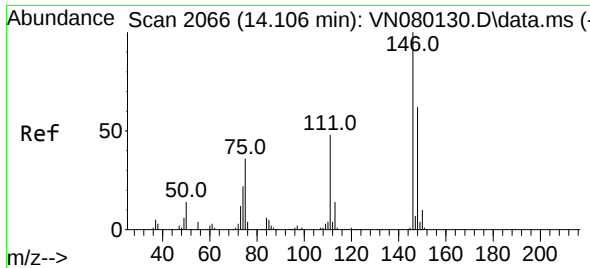
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#90
Hexachloroethane
Concen: 19.287 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Tgt Ion:117 Resp: 37347
Ion Ratio Lower Upper
117 100
201 80.6 29.3 88.0





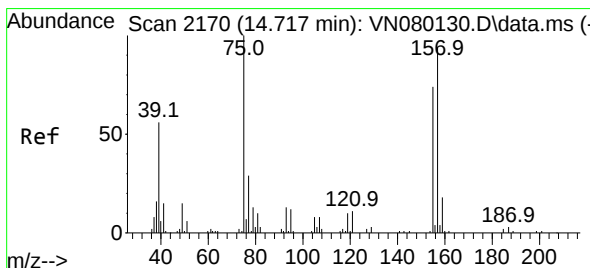
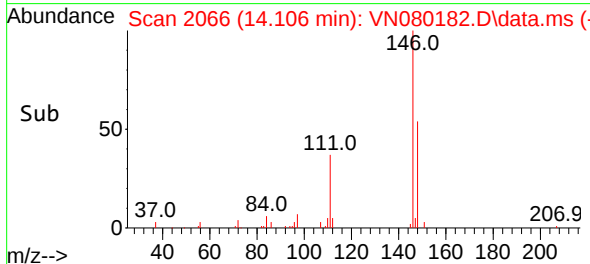
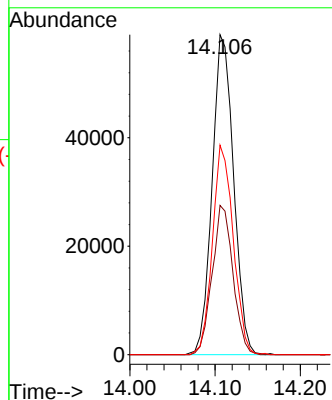
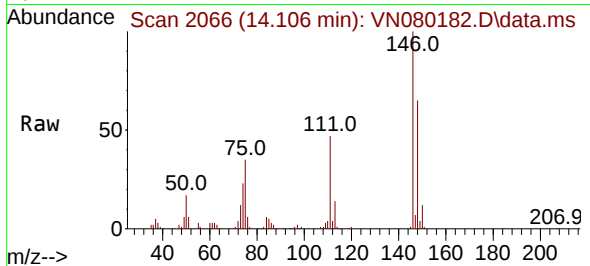
#91
1,2-Dichlorobenzene
Concen: 18.840 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:146 Resp: 10311
Ion Ratio Lower Upper
146 100
111 45.4 22.0 66.0
148 63.6 31.8 95.3

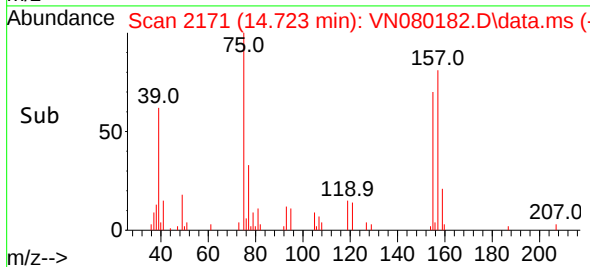
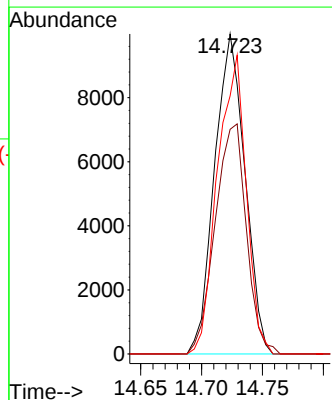
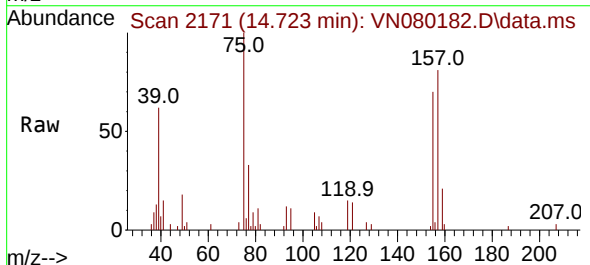
Manual Integrations
APPROVED

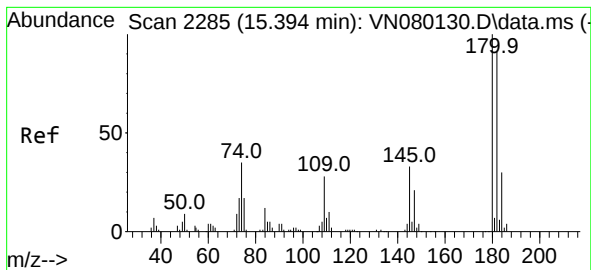
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.808 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080182.D
Acq: 18 Nov 2023 13:43

Tgt Ion: 75 Resp: 17338
Ion Ratio Lower Upper
75 100
155 73.8 39.1 117.2
157 88.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.268 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

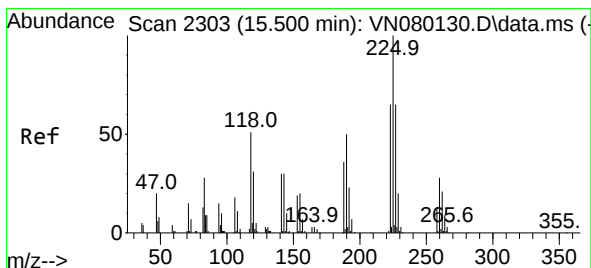
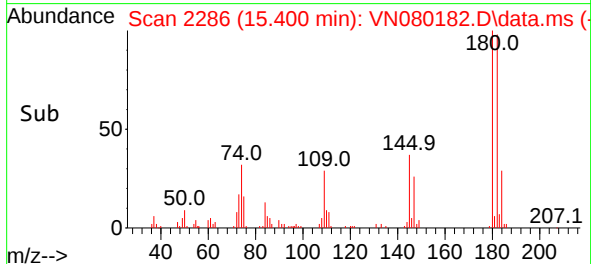
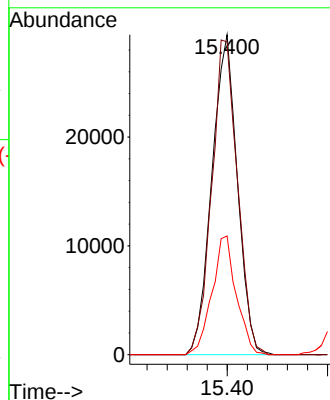
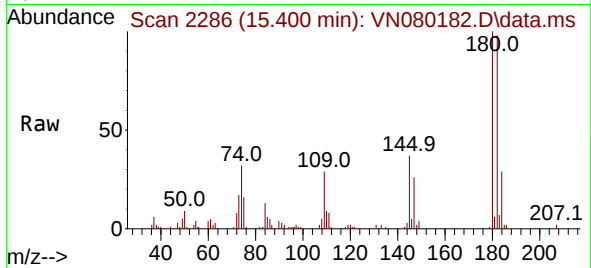
Tgt Ion:	180	Resp:	5178
Ion Ratio	Lower	Upper	
180	100		
182	99.6	46.1	138.2
145	35.5	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 16.228 ug/l

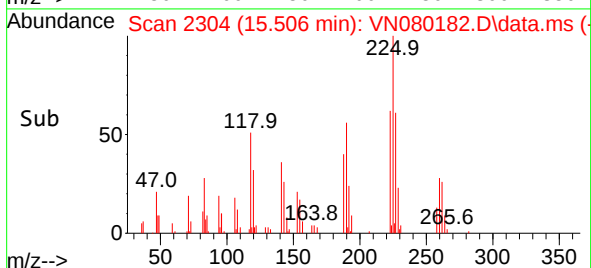
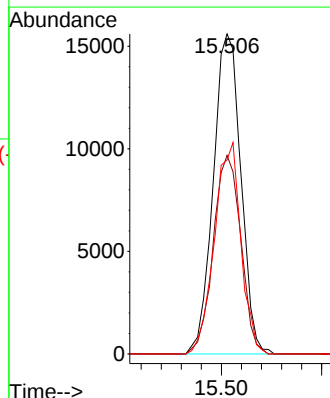
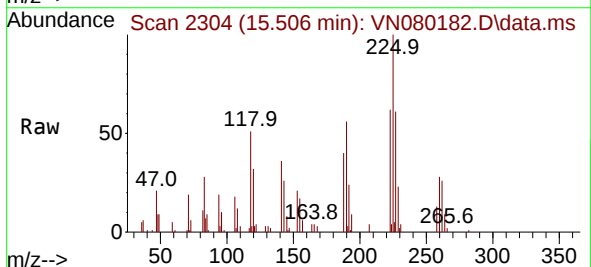
RT: 15.506 min Scan# 2304

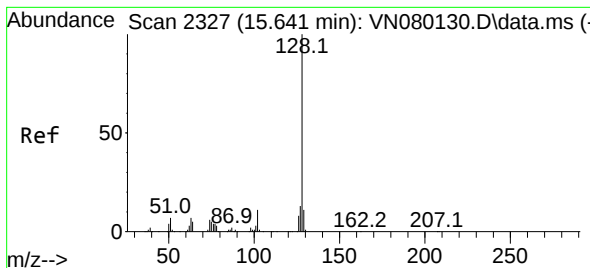
Delta R.T. 0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Tgt Ion:	225	Resp:	29727
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.3	93.8
227	63.2	31.9	95.9





#95

Naphthalene

Concen: 16.323 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion:128 Resp: 15066

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

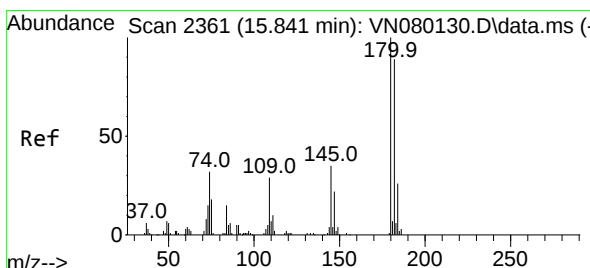
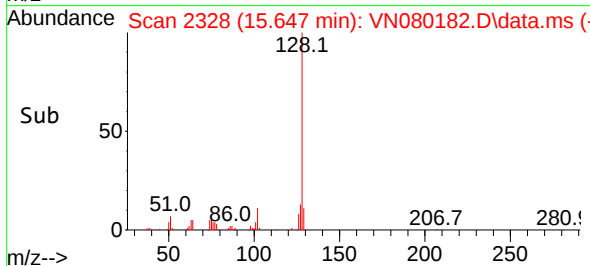
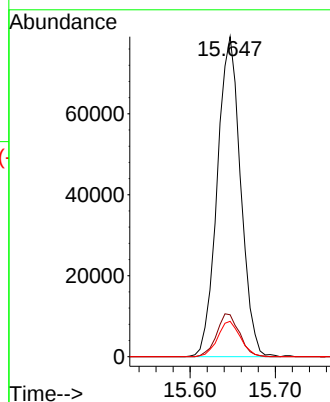
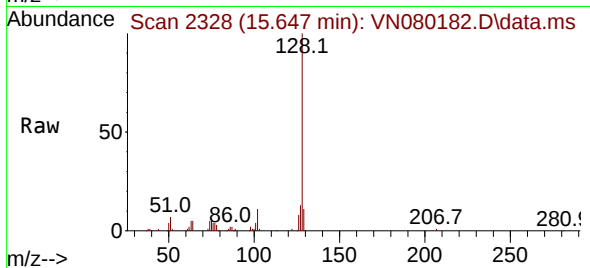
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.351 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080182.D

Acq: 18 Nov 2023 13:43

Tgt Ion:180 Resp: 51767

Ion Ratio Lower Upper

180 100

182 92.4 46.2 138.6

145 34.8 17.5 52.6

