

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080266.D
 Acq On : 27 Nov 2023 10:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 28 02:05:47 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 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	219677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	176982	48.793	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.580%		
35) Dibromofluoromethane	8.165	113	125351	51.602	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.200%		
50) Toluene-d8	10.571	98	452195	51.640	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.280%		
62) 4-Bromofluorobenzene	12.853	95	172661	52.202	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	154990	47.365	ug/l	99
3) Chloromethane	2.365	50	102096	41.499	ug/l	100
4) Vinyl Chloride	2.512	62	119513	45.904	ug/l	95
5) Bromomethane	2.948	94	77563	43.884	ug/l	95
6) Chloroethane	3.118	64	76271	47.252	ug/l	99
7) Trichlorofluoromethane	3.495	101	261904	48.223	ug/l	99
8) Diethyl Ether	3.959	74	69985	44.308	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	118224	47.625	ug/l	95
10) Methyl Iodide	4.589	142	126068	46.992	ug/l #	87
11) Tert butyl alcohol	5.518	59	88812	222.653	ug/l	97
12) 1,1-Dichloroethene	4.336	96	106231	45.753	ug/l	85
13) Acrolein	4.177	56	88520	250.762	ug/l	99
14) Allyl chloride	5.024	41	125465	42.950	ug/l	89
15) Acrylonitrile	5.712	53	236811	221.151	ug/l	98
16) Acetone	4.424	43	274429	225.257	ug/l	93
17) Carbon Disulfide	4.712	76	279395	40.301	ug/l	100
18) Methyl Acetate	5.018	43	166427	42.517	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	392861	47.913	ug/l	100
20) Methylene Chloride	5.277	84	124951	48.976	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	120937	47.413	ug/l	86
22) Diisopropyl ether	6.671	45	305358	47.247	ug/l	97
23) Vinyl Acetate	6.600	43	1016218m	261.543	ug/l	
24) 1,1-Dichloroethane	6.565	63	216572	46.008	ug/l	100
25) 2-Butanone	7.483	43	306035	211.427	ug/l	90
26) 2,2-Dichloropropane	7.488	77	226918	48.589	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	138212	47.793	ug/l	88
28) Bromochloromethane	7.812	49	89058	48.125	ug/l	99
29) Tetrahydrofuran	7.835	42	172743	222.288	ug/l	93
30) Chloroform	7.965	83	261593	49.720	ug/l	94
31) Cyclohexane	8.259	56	158951	40.295	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	257200	50.127	ug/l	97
36) 1,1-Dichloropropene	8.377	75	181040	51.476	ug/l	95
37) Ethyl Acetate	7.565	43	111445	45.684	ug/l	97
38) Carbon Tetrachloride	8.365	117	236352	52.957	ug/l	98
39) Methylcyclohexane	9.606	83	162494	47.918	ug/l	90
40) Benzene	8.606	78	497733	49.795	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	64909	48.450	ug/l	94
42) 1,2-Dichloroethane	8.671	62	215443	52.683	ug/l	96
43) Isopropyl Acetate	8.688	43	195247	41.129	ug/l	98
44) Trichloroethene	9.353	130	133625	50.963	ug/l	96
45) 1,2-Dichloropropane	9.624	63	117086	50.405	ug/l	99
46) Dibromomethane	9.712	93	91546	52.063	ug/l	91
47) Bromodichloromethane	9.888	83	209423	54.144	ug/l	97
48) Methyl methacrylate	9.682	41	121307	49.585	ug/l	90
49) 1,4-Dioxane	9.694	88	37313	916.802	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	589604	239.896	ug/l	98
52) Toluene	10.629	92	328206	52.467	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	206197	51.887	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	215126	52.986	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	122671	51.380	ug/l	96
56) Ethyl methacrylate	10.876	69	126081	51.692	ug/l	94
57) 1,3-Dichloropropane	11.165	76	214591	51.479	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	343725	250.145	ug/l	99
59) 2-Hexanone	11.194	43	463577	234.730	ug/l	96
60) Dibromochloromethane	11.359	129	158681	55.514	ug/l	100
61) 1,2-Dibromoethane	11.471	107	124318	51.040	ug/l	98
64) Tetrachloroethene	11.106	164	140110	62.038	ug/l	97
65) Chlorobenzene	11.894	112	339956	50.697	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	144770	55.634	ug/l	93
67) Ethyl Benzene	11.965	91	635093	53.225	ug/l	97
68) m/p-Xylenes	12.070	106	467973	107.566	ug/l	86
69) o-Xylene	12.400	106	220262	53.722	ug/l	84
70) Styrene	12.412	104	340145	55.738	ug/l	92
71) Bromoform	12.582	173	105422	54.630	ug/l #	99
73) Isopropylbenzene	12.700	105	602797	50.546	ug/l	98
74) N-amyl acetate	12.494	43	156003	41.947	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	149116	41.777	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	154868m	41.185	ug/l	
77) Bromobenzene	12.982	156	148351	49.339	ug/l	96
78) n-propylbenzene	13.041	91	673222	50.482	ug/l	100
79) 2-Chlorotoluene	13.129	91	428801	49.507	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	524436	50.517	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	59773	53.705	ug/l	93
82) 4-Chlorotoluene	13.223	91	437943	49.355	ug/l	96
83) tert-Butylbenzene	13.441	119	411604	49.441	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	531843	52.028	ug/l	98
85) sec-Butylbenzene	13.617	105	535565	50.854	ug/l	99
86) p-Isopropyltoluene	13.729	119	497895	52.923	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	262433	48.445	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	254550	46.758	ug/l	96
89) n-Butylbenzene	14.059	91	396640	50.371	ug/l	99
90) Hexachloroethane	14.335	117	90439	49.310	ug/l	72
91) 1,2-Dichlorobenzene	14.112	146	250949	48.409	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36754	44.332	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	135621	44.982	ug/l	96
94) Hexachlorobutadiene	15.500	225	79576	45.864	ug/l	99
95) Naphthalene	15.641	128	362544	41.467	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	127860	45.244	ug/l	99

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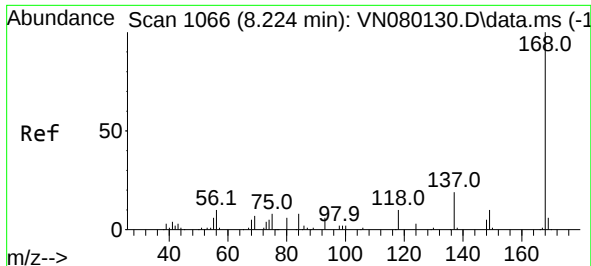
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/28/2023

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Quant Title : SW846 8260
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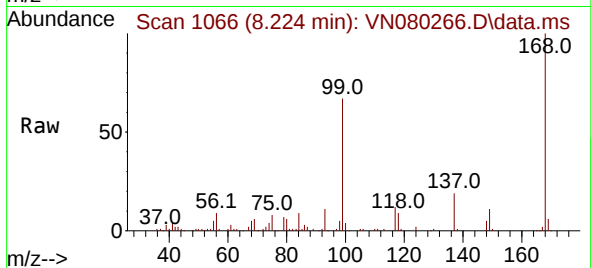
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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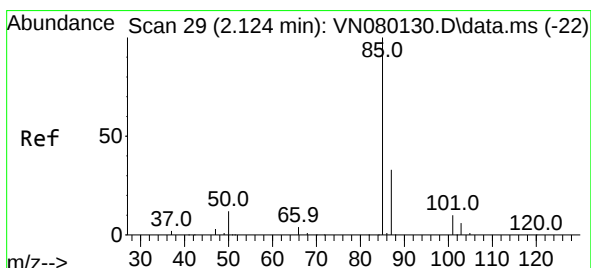
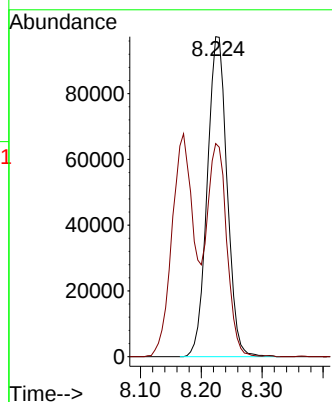
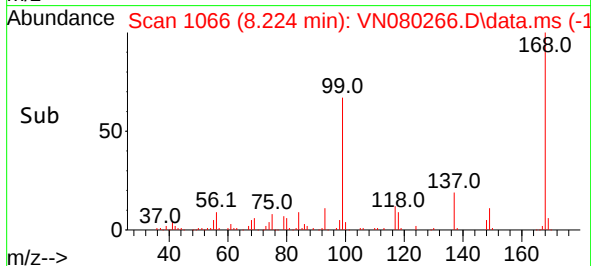
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 21967
Ion Ratio Lower Upper
168 100
99 66.6 53.0 79.6

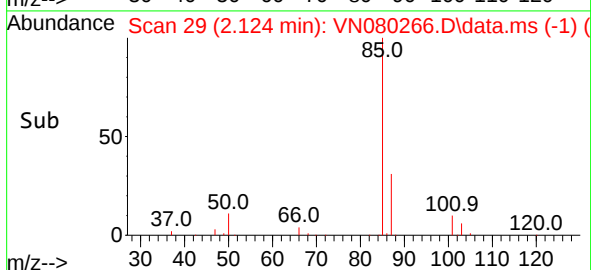
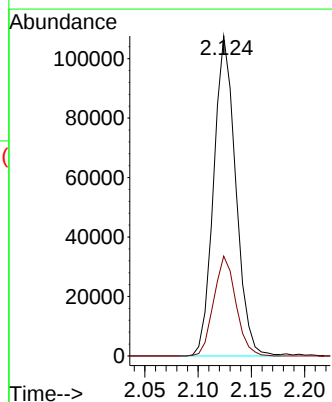
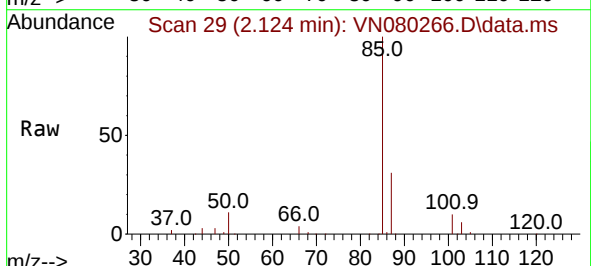
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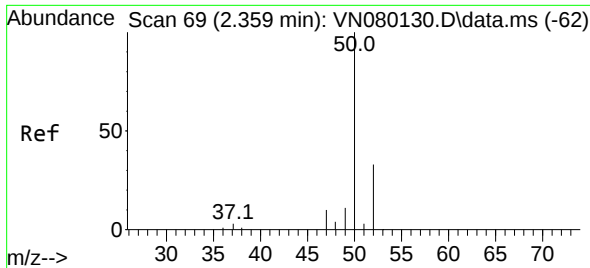
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#2
Dichlorodifluoromethane
Concen: 47.365 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion: 85 Resp: 154990
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.4





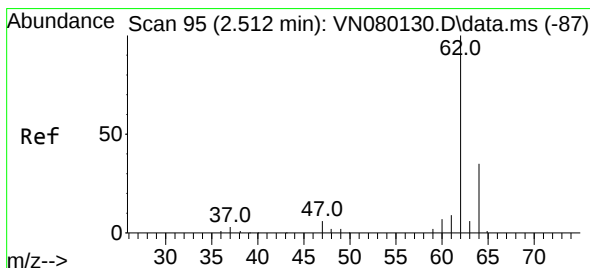
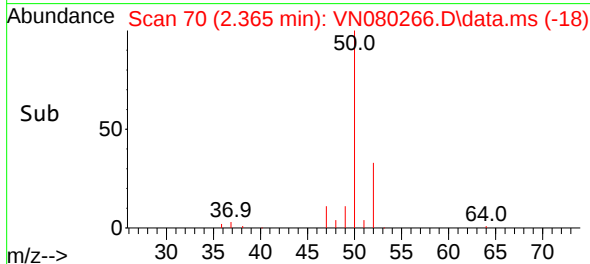
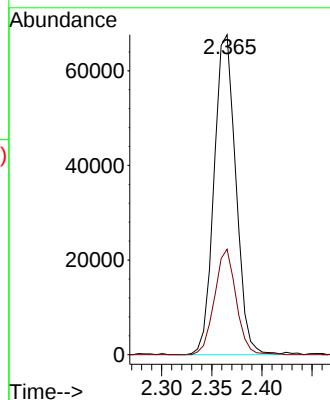
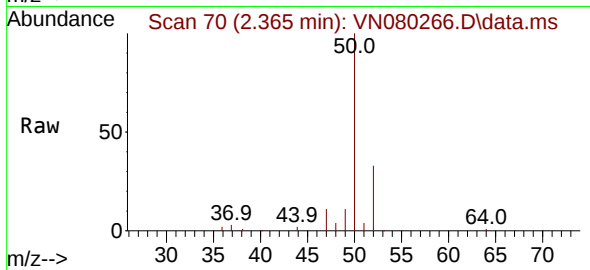
#3
Chloromethane
Concen: 41.499 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 102090
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

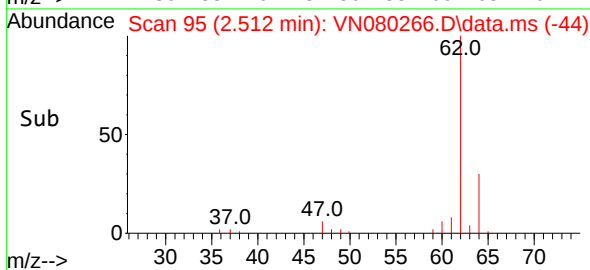
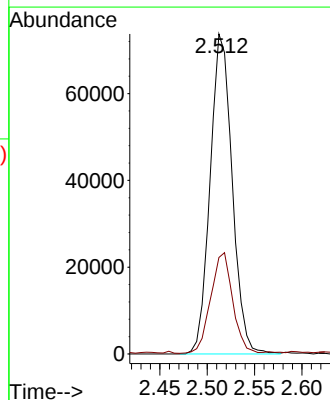
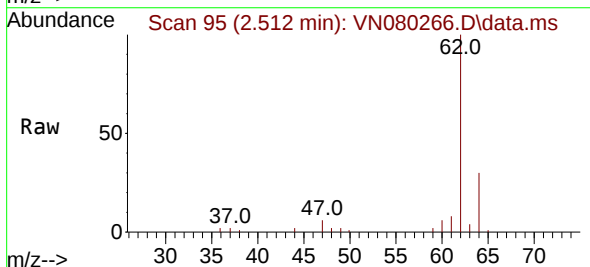
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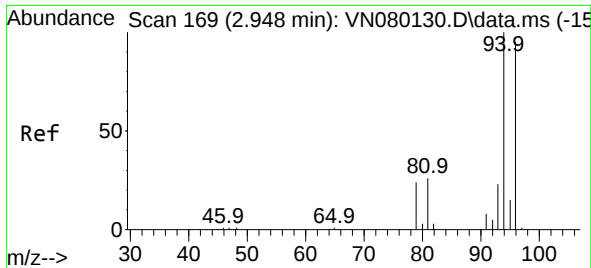
Reviewed By :John Carlone 11/28/2023
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#4
Vinyl Chloride
Concen: 45.904 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion: 62 Resp: 119513
Ion Ratio Lower Upper
62 100
64 29.9 26.2 39.2





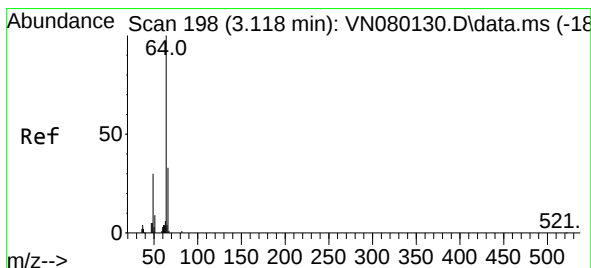
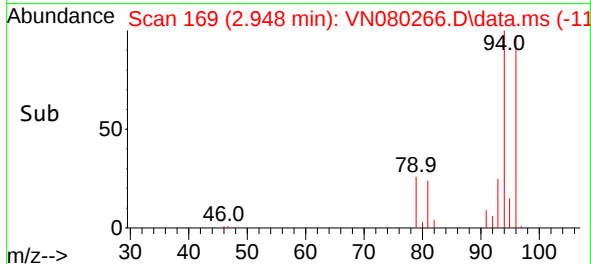
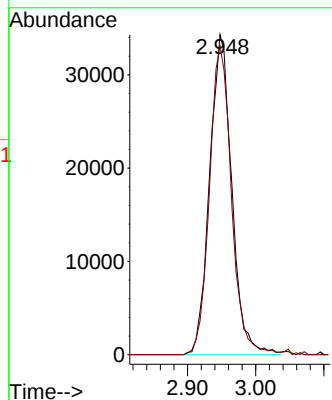
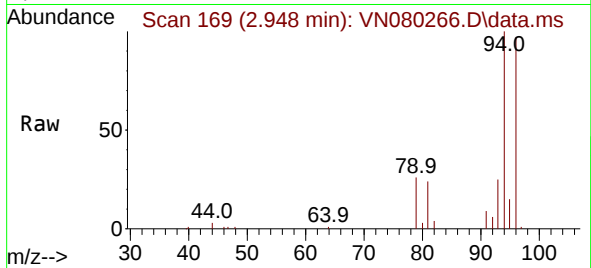
#5
Bromomethane
Concen: 43.884 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 7756
Ion Ratio Lower Upper
94 100
96 96.5 73.1 109.7

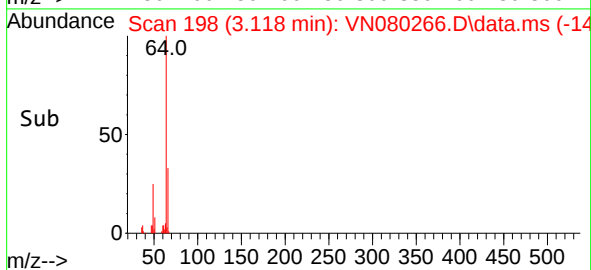
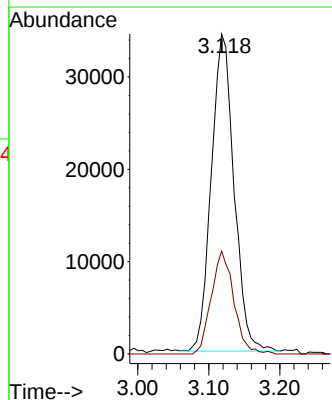
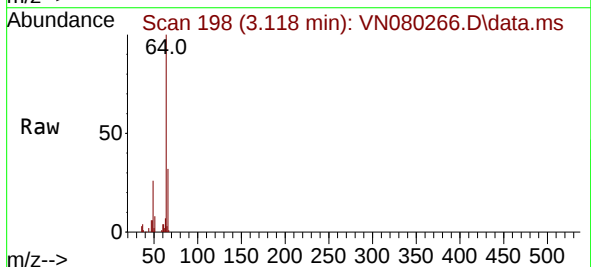
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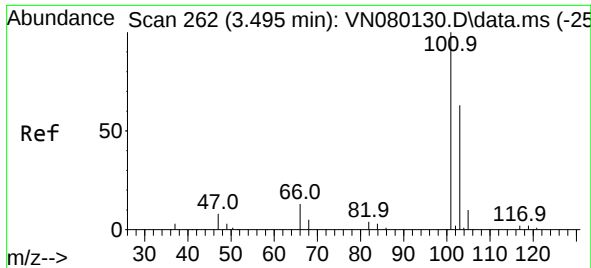
Reviewed By :John Carlone 11/28/2023
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#6
Chloroethane
Concen: 47.252 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion: 64 Resp: 76271
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.2





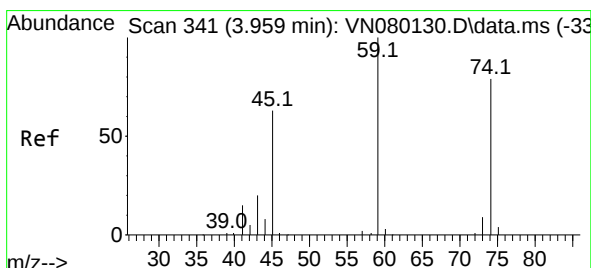
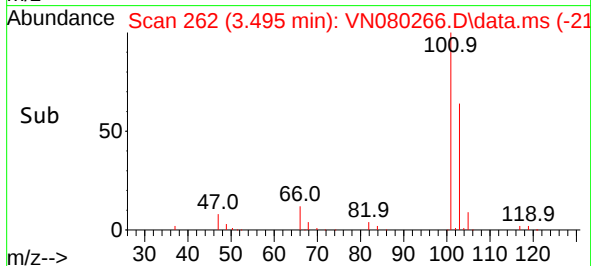
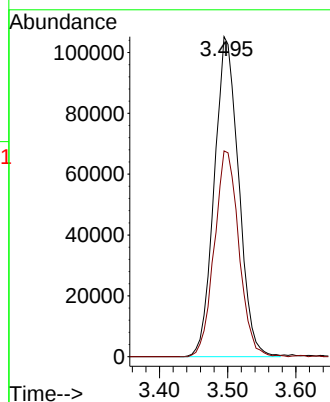
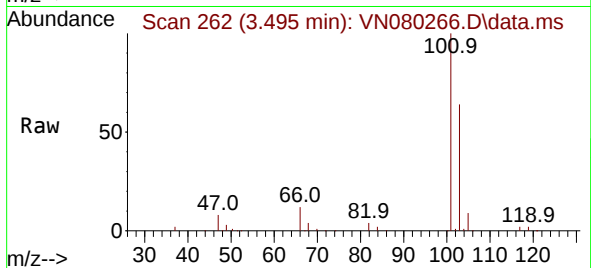
#7
Trichlorofluoromethane
Concen: 48.223 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 261904
Ion Ratio Lower Upper
101 100
103 64.3 50.7 76.1

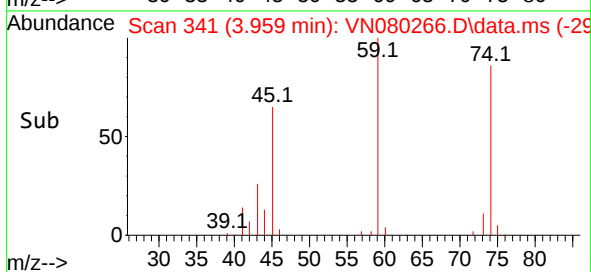
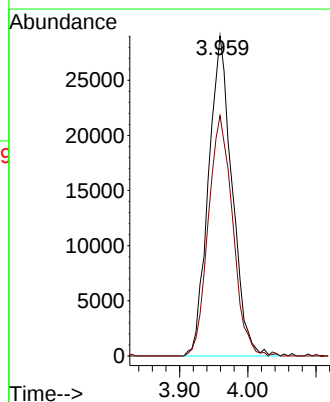
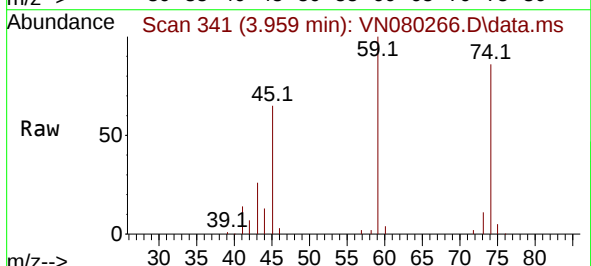
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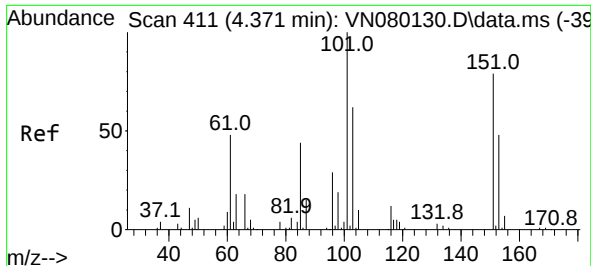
Reviewed By :John Carlone 11/28/2023
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#8
Diethyl Ether
Concen: 44.308 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion: 74 Resp: 69985
Ion Ratio Lower Upper
74 100
45 77.3 34.4 103.3





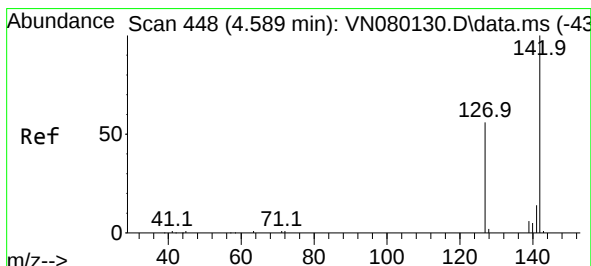
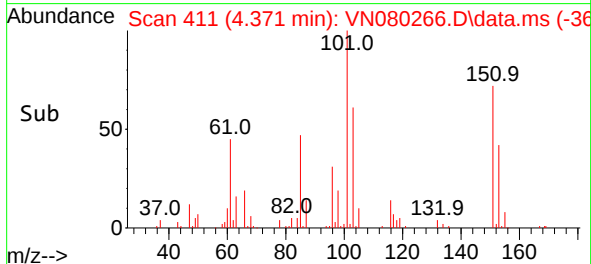
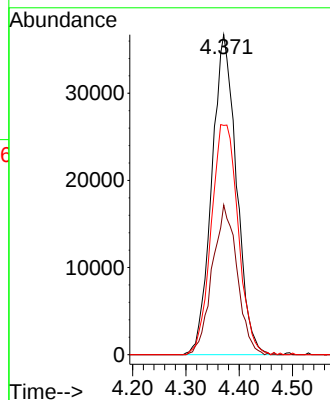
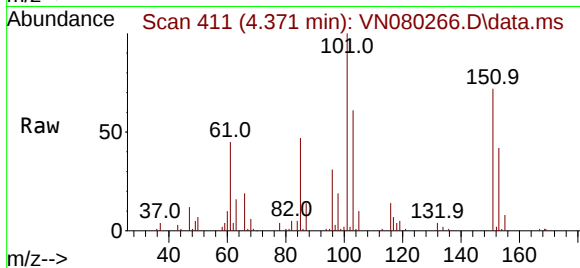
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.625 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 118224
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 78.3 57.6 86.4

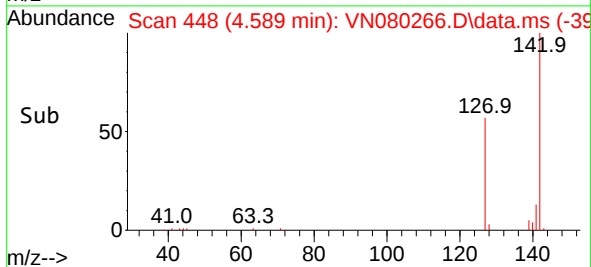
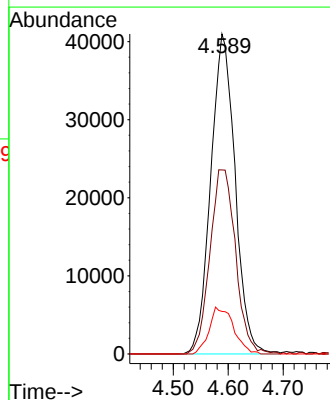
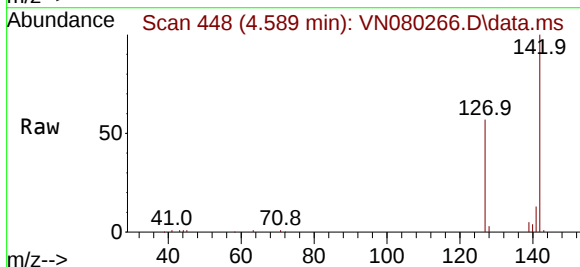
Manual Integrations
APPROVED

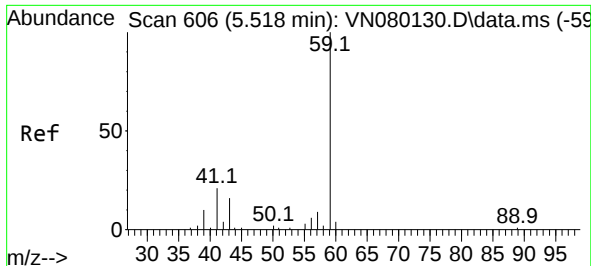
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#10
Methyl Iodide
Concen: 46.992 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion:142 Resp: 126068
Ion Ratio Lower Upper
142 100
127 57.5 37.6 56.4#
141 13.3 11.4 17.0





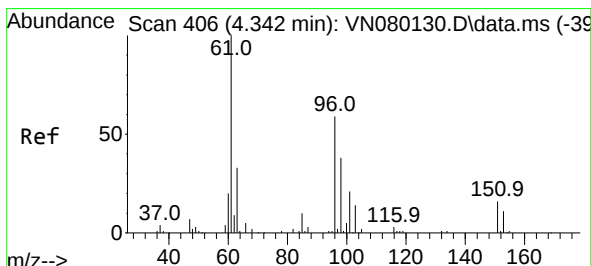
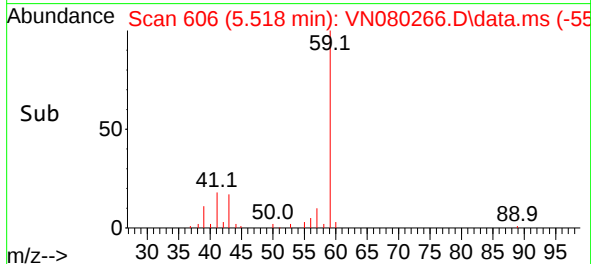
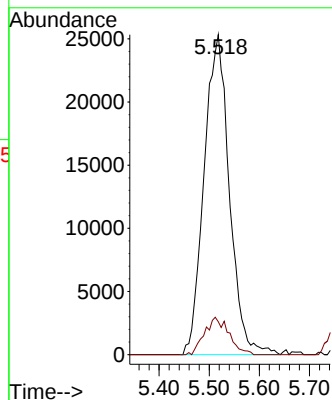
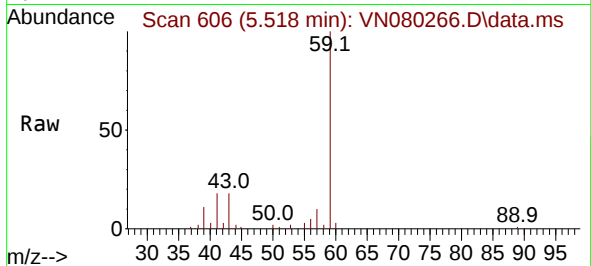
#11
Tert butyl alcohol
Concen: 222.653 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 8881
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.4

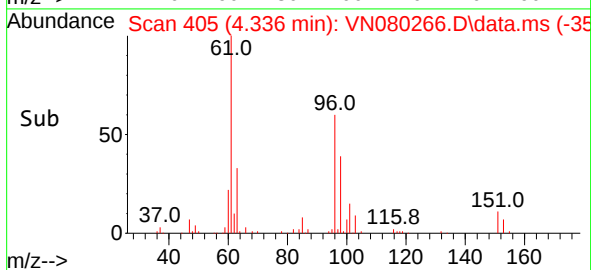
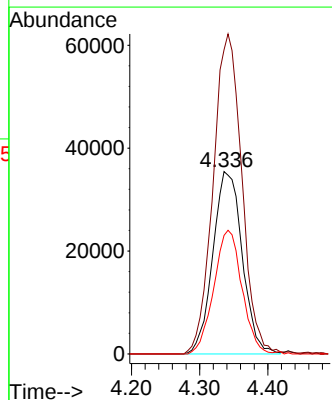
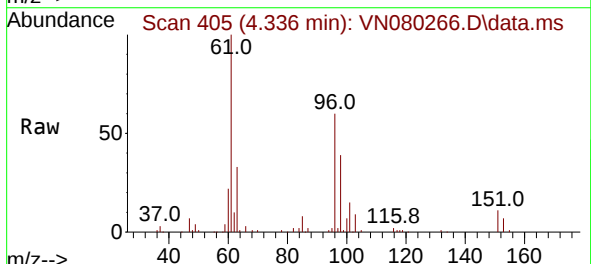
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#12
1,1-Dichloroethene
Concen: 45.753 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

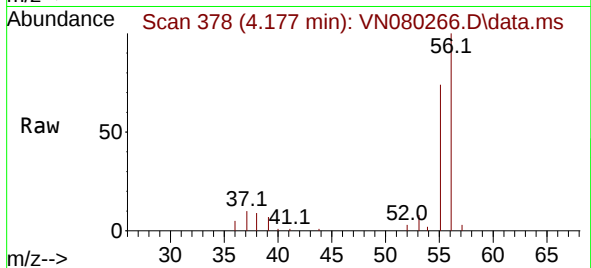
Tgt Ion: 96 Resp: 106231
Ion Ratio Lower Upper
96 100
61 166.8 112.7 169.1
98 65.0 51.2 76.8





#13
Acrolein
Concen: 250.762 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

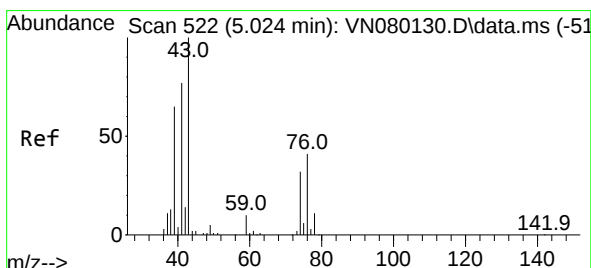
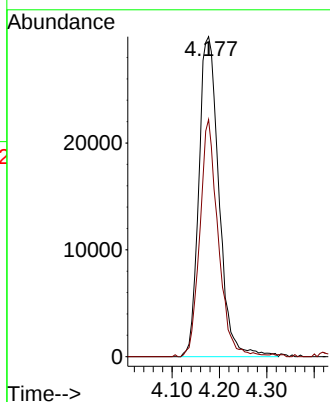
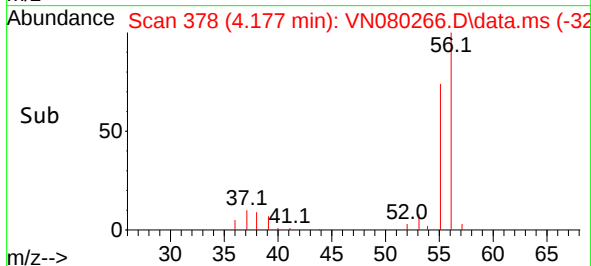
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 88520
Ion Ratio Lower Upper
56 100
55 67.7 54.5 81.7

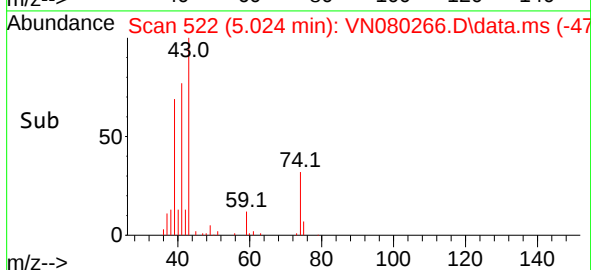
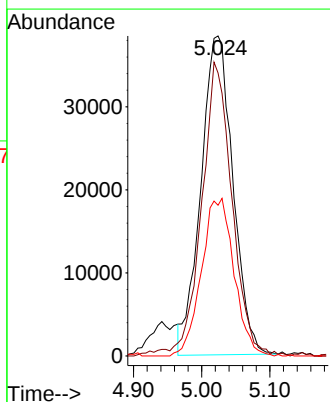
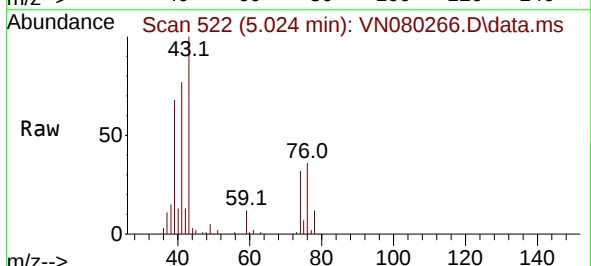
Manual Integrations
APPROVED

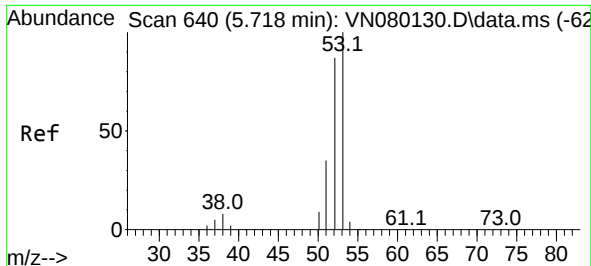
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#14
Allyl chloride
Concen: 42.950 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

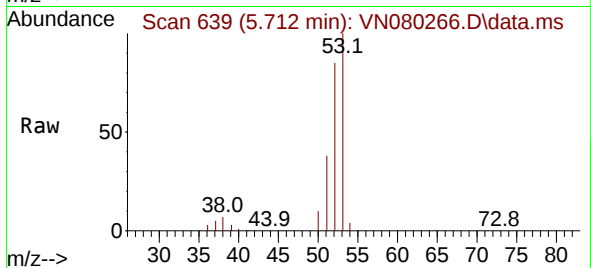
Tgt Ion: 41 Resp: 125465
Ion Ratio Lower Upper
41 100
39 88.0 58.8 88.2
76 50.3 39.1 58.7





#15
Acrylonitrile
Concen: 221.151 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

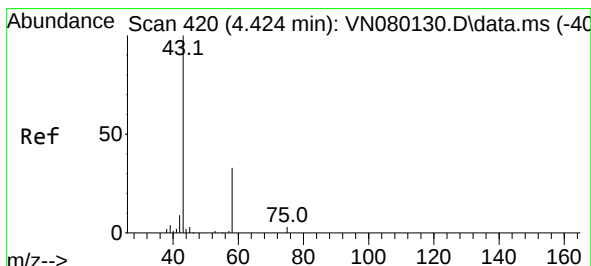
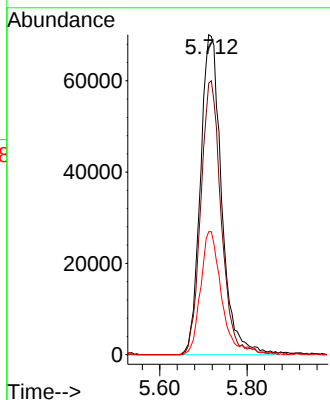
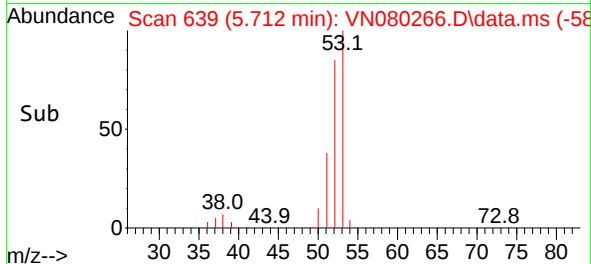
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 23681
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 38.4 28.9 43.3

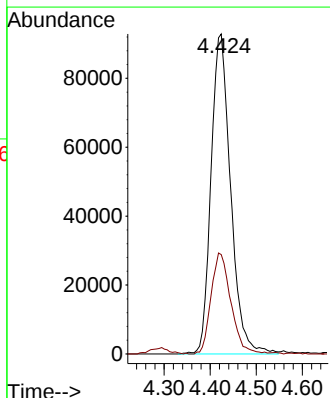
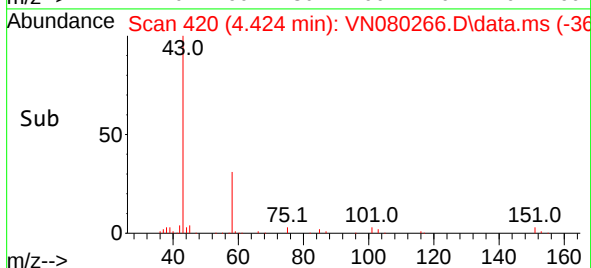
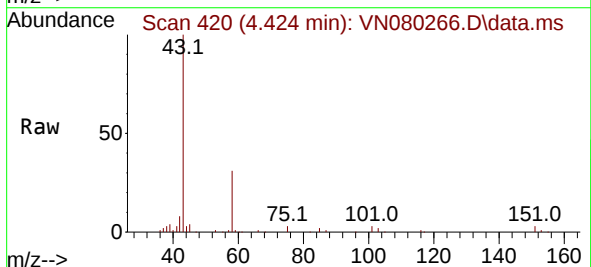
Manual Integrations
APPROVED

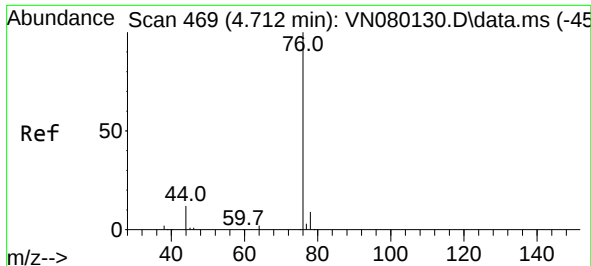
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#16
Acetone
Concen: 225.257 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

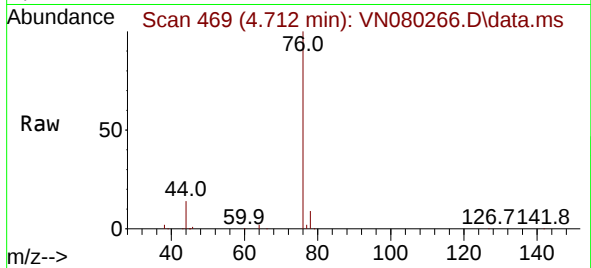
Tgt Ion: 43 Resp: 274429
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0





#17
Carbon Disulfide
Concen: 40.301 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

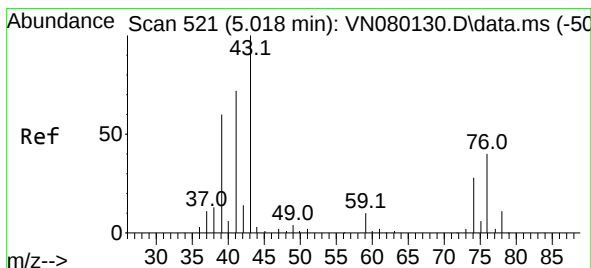
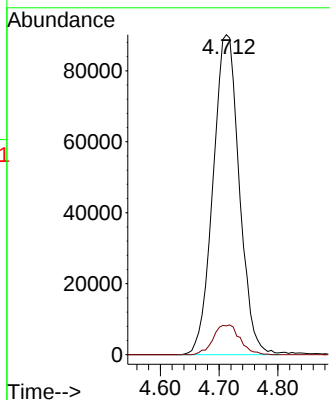
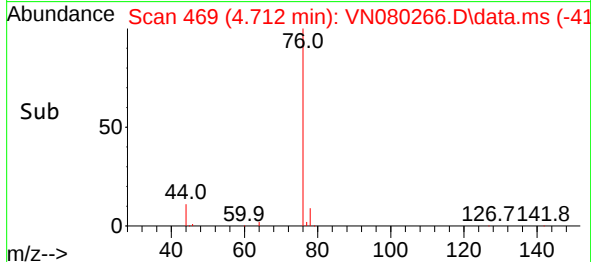
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



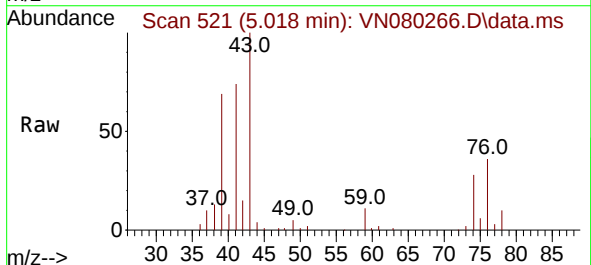
Tgt Ion: 76 Resp: 279395
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

Manual Integrations
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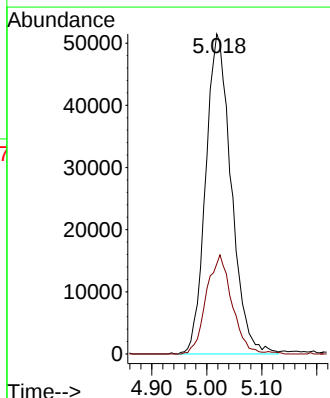
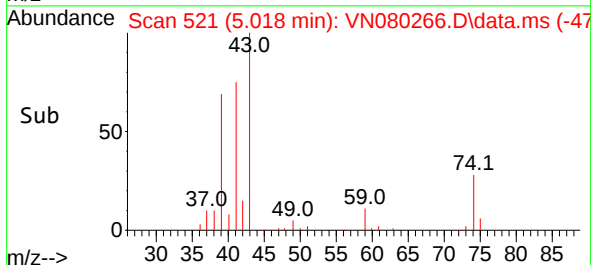
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

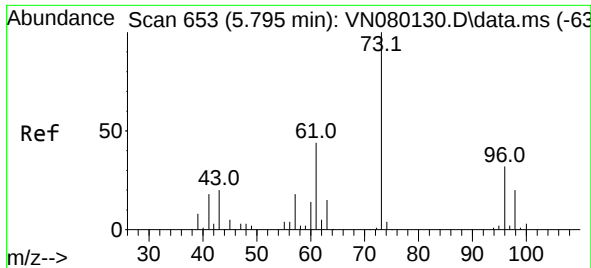


#18
Methyl Acetate
Concen: 42.517 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



Tgt Ion: 43 Resp: 166427
Ion Ratio Lower Upper
43 100
74 31.0 26.2 39.4





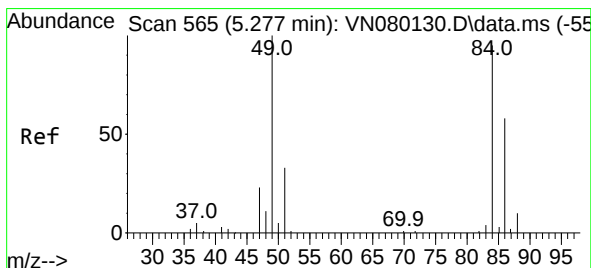
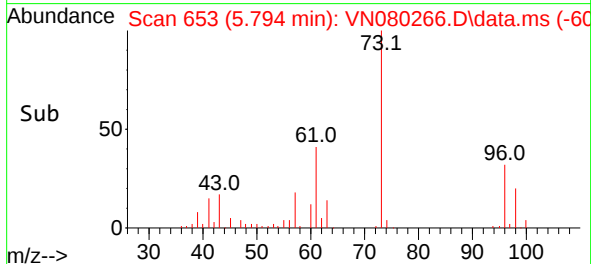
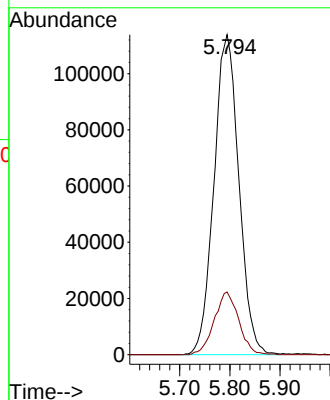
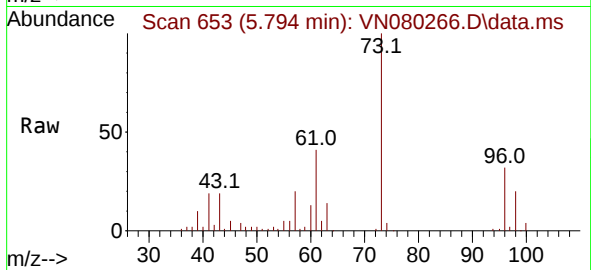
#19
Methyl tert-butyl Ether
Concen: 47.913 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 39286
Ion Ratio Lower Upper
73 100
57 19.6 15.6 23.4

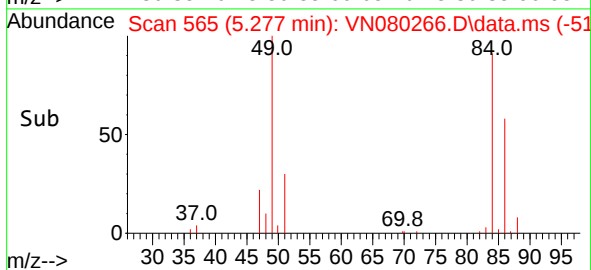
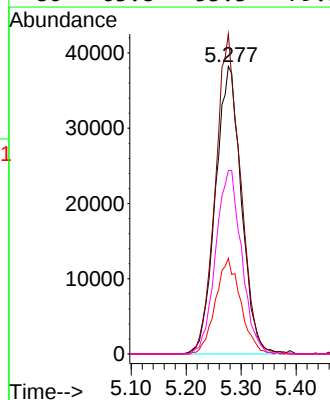
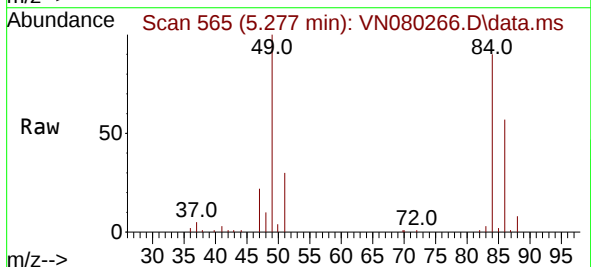
Manual Integrations
APPROVED

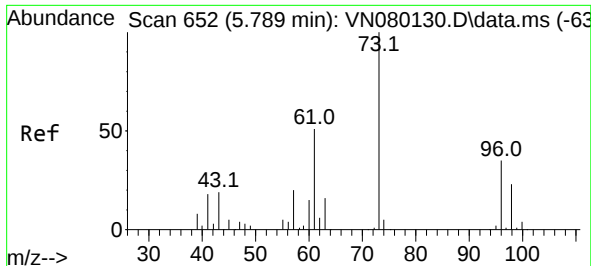
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#20
Methylene Chloride
Concen: 48.976 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

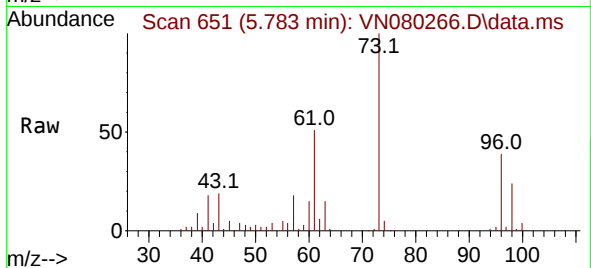
Tgt Ion: 84 Resp: 124951
Ion Ratio Lower Upper
84 100
49 111.3 79.7 119.5
51 33.3 25.2 37.8
86 63.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.413 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

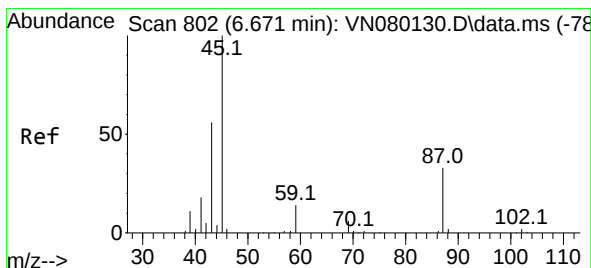
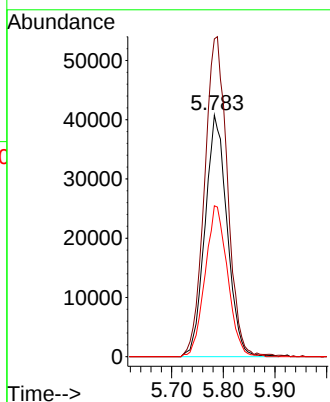
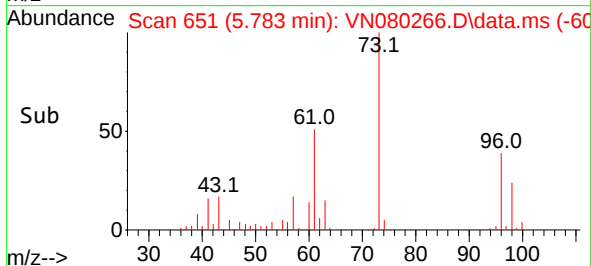
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 12093
Ion Ratio Lower Upper
96 100
61 131.5 90.1 135.1
98 62.5 46.4 69.6

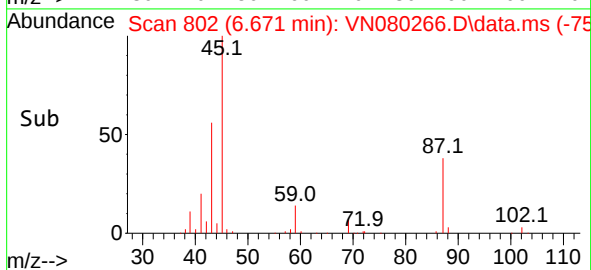
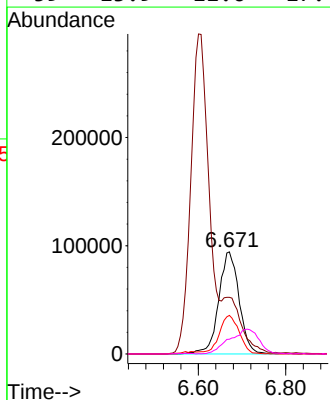
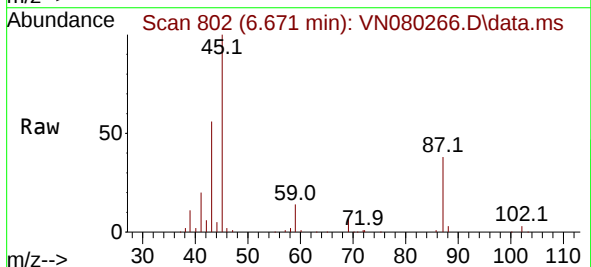
Manual Integrations
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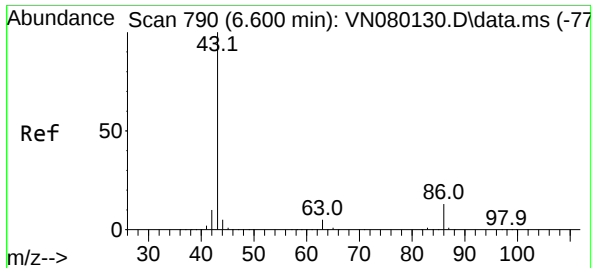
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#22
Diisopropyl ether
Concen: 47.247 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion: 45 Resp: 305358
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 37.9 31.8 47.8
59 13.9 11.6 17.4





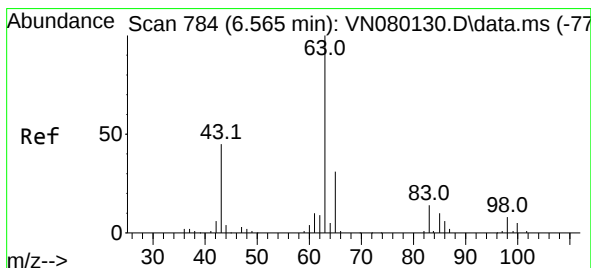
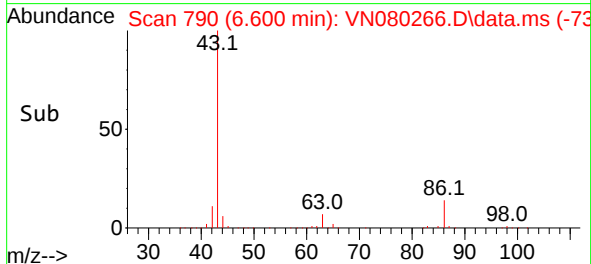
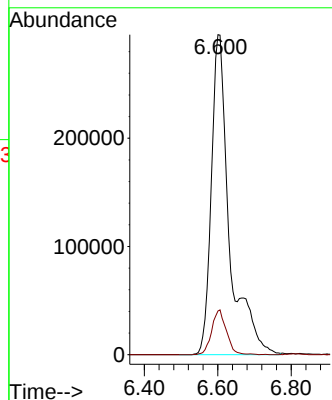
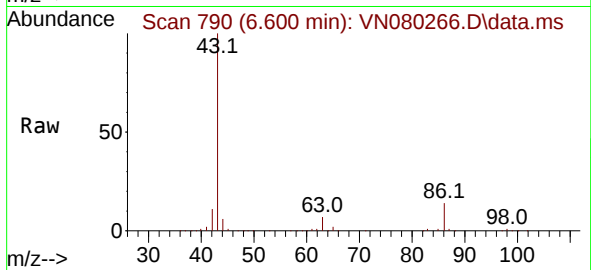
#23
 Vinyl Acetate
 Concen: 261.543 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080266.D
 Acq: 27 Nov 2023 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1016218
 Ion Ratio Lower Upper
 43 100
 86 13.7 13.0 19.6

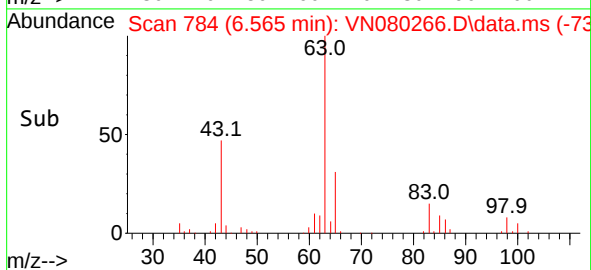
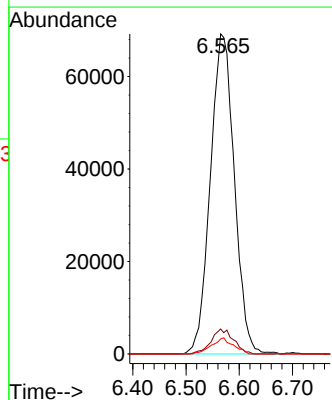
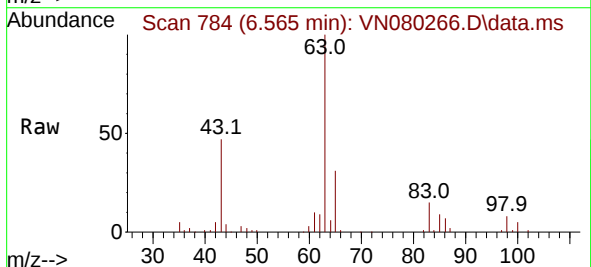
Manual Integrations
 APPROVED

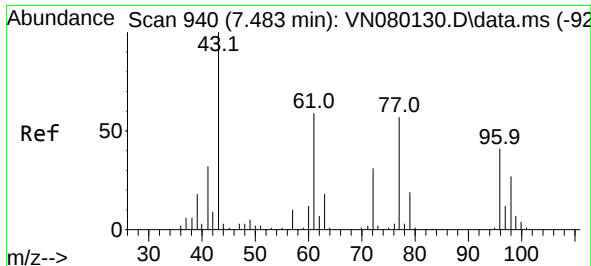
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#24
 1,1-Dichloroethane
 Concen: 46.008 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080266.D
 Acq: 27 Nov 2023 10:43

Tgt Ion: 63 Resp: 216572
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.7 2.5 7.4





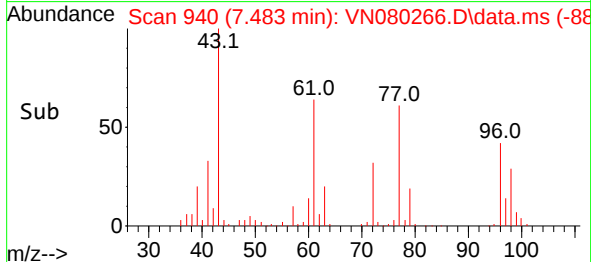
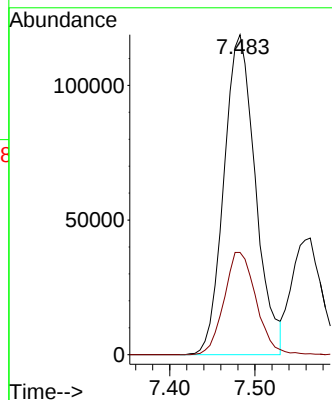
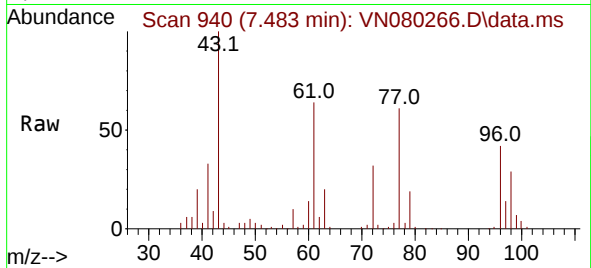
#25
2-Butanone
Concen: 211.427 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 306035
Ion Ratio Lower Upper
43 100
72 32.0 30.2 45.2

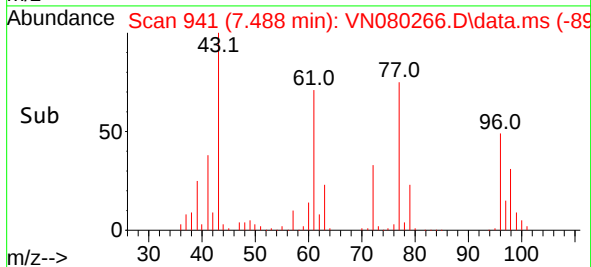
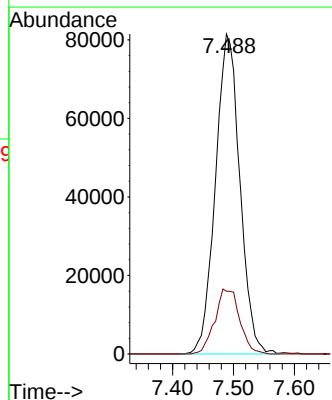
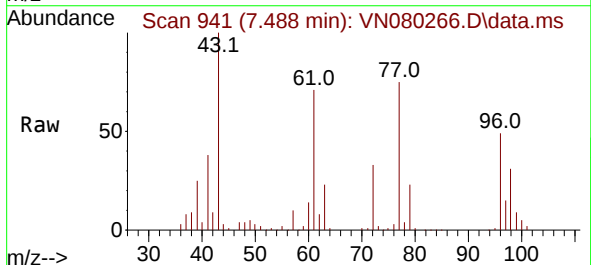
Manual Integrations
APPROVED

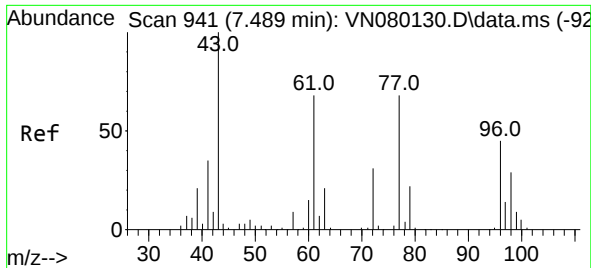
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#26
2,2-Dichloropropane
Concen: 48.589 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

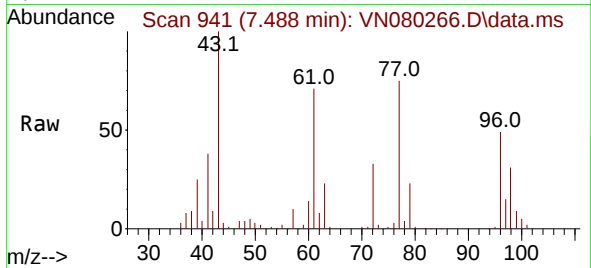
Tgt Ion: 77 Resp: 226918
Ion Ratio Lower Upper
77 100
97 20.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.793 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080266.D
 Acq: 27 Nov 2023 10:43

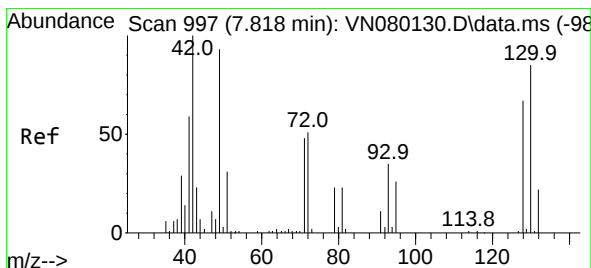
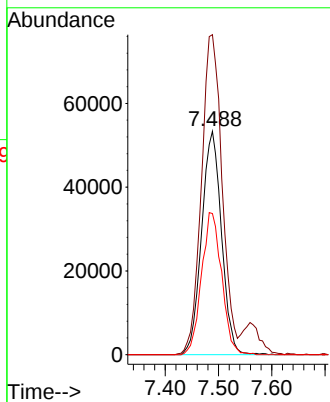
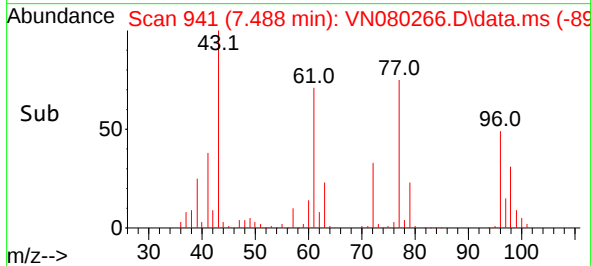
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 13821
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 255.2
 98 64.3 0.0 128.8

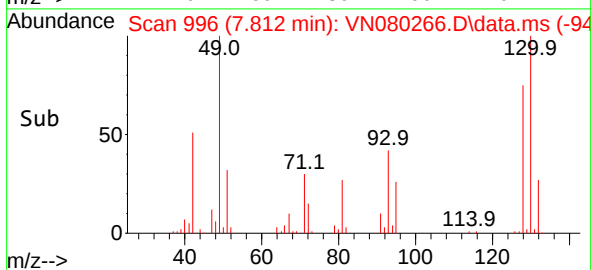
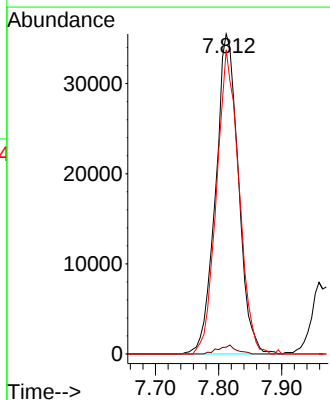
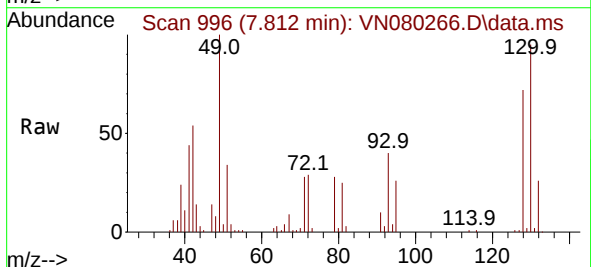
Manual Integrations
 APPROVED

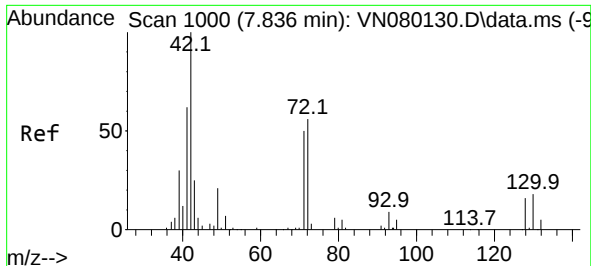
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#28
 Bromochloromethane
 Concen: 48.125 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080266.D
 Acq: 27 Nov 2023 10:43

Tgt Ion: 49 Resp: 89058
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 93.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 222.288 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080266.D

Acq: 27 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 17274

Ion Ratio Lower Upper

42 100

72 56.5 49.8 74.6

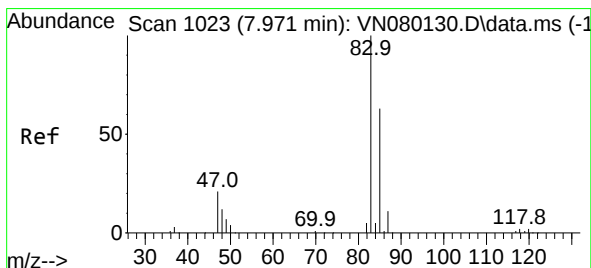
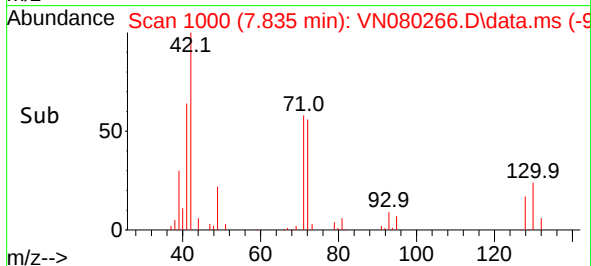
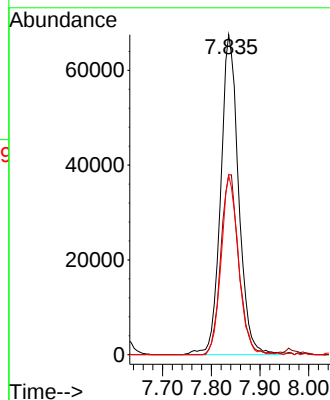
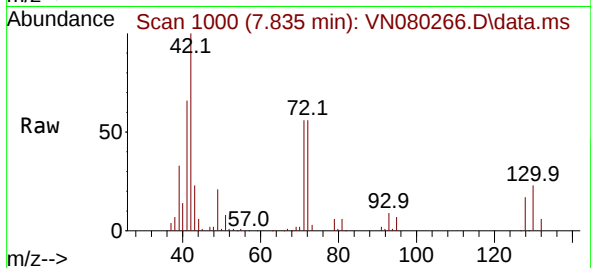
71 54.1 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#30

Chloroform

Concen: 49.720 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080266.D

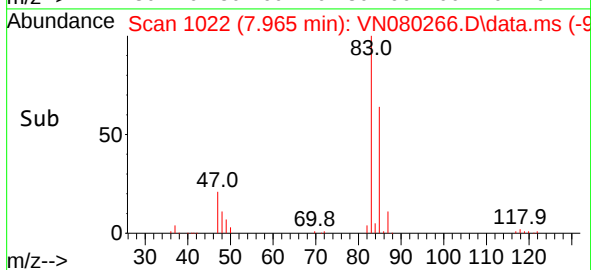
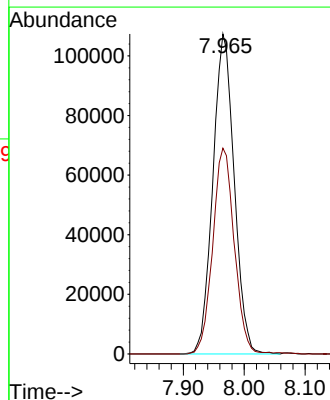
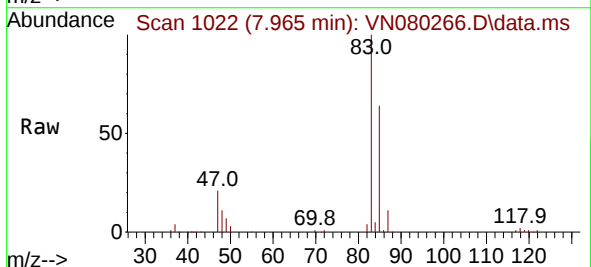
Acq: 27 Nov 2023 10:43

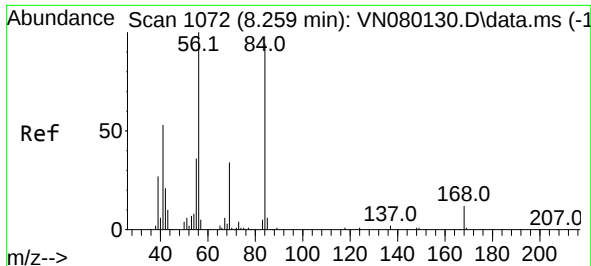
Tgt Ion: 83 Resp: 261593

Ion Ratio Lower Upper

83 100

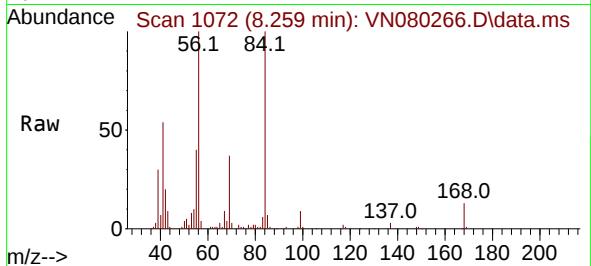
85 64.3 55.4 83.0





#31
Cyclohexane
Concen: 40.295 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

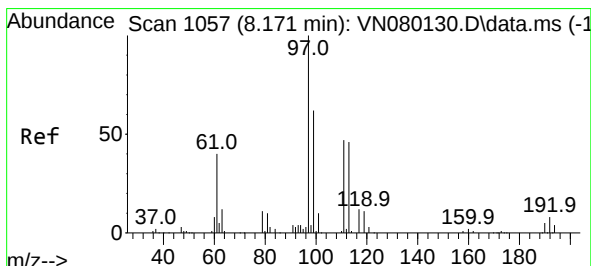
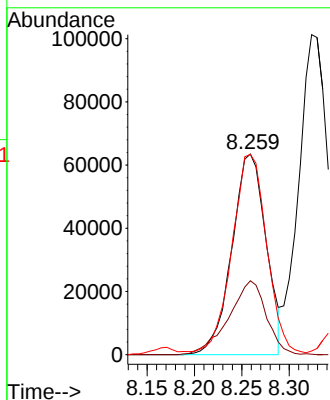
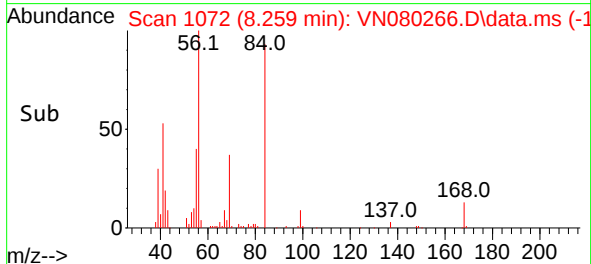
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



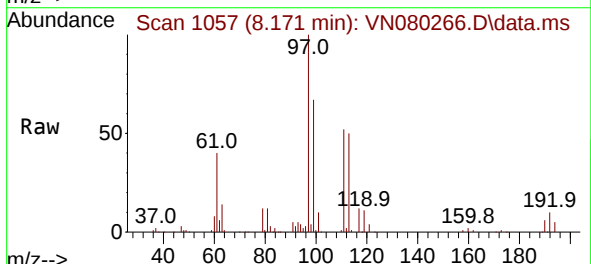
Tgt Ion: 56 Resp: 15895
Ion Ratio Lower Upper
56 100
69 36.9 26.8 40.2
84 98.4 81.8 122.6

Manual Integrations
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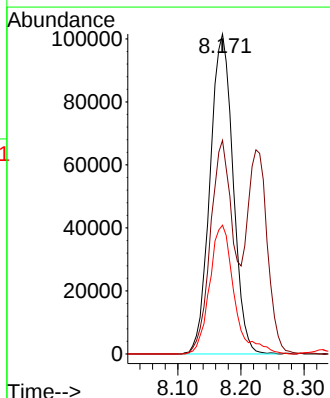
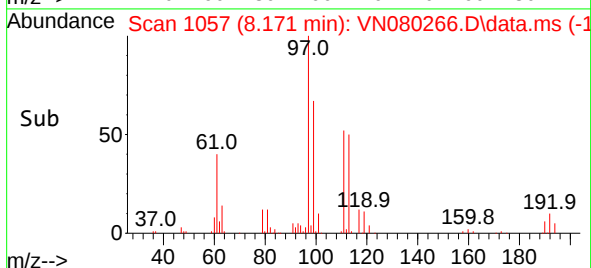
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

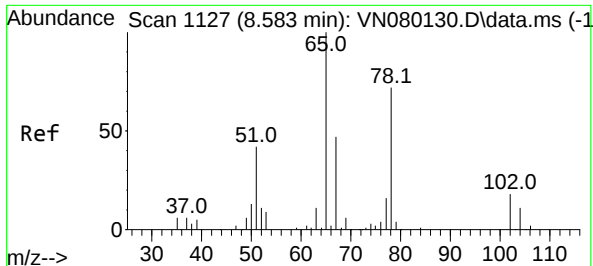


#32
1,1,1-Trichloroethane
Concen: 50.127 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



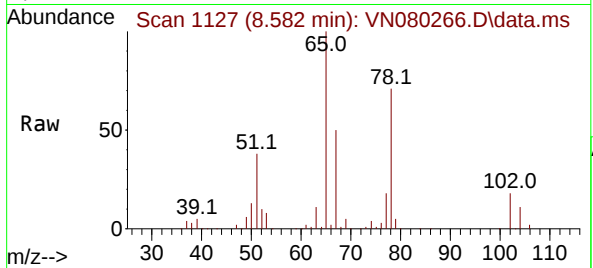
Tgt Ion: 97 Resp: 257200
Ion Ratio Lower Upper
97 100
99 66.6 50.3 75.5
61 42.8 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 48.793 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

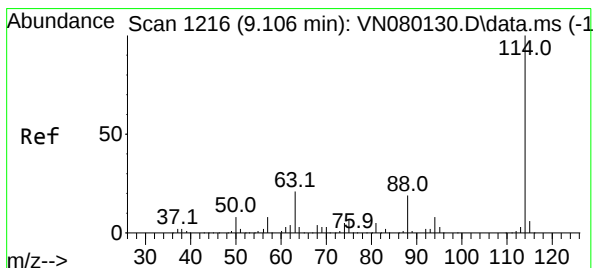
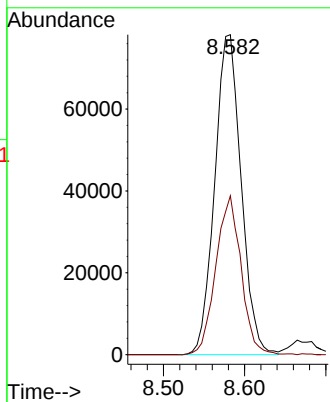
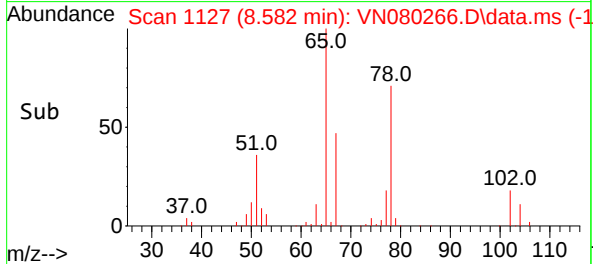
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



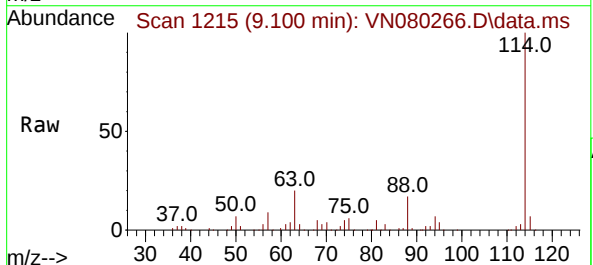
Tgt Ion: 65 Resp: 176982
Ion Ratio Lower Upper
65 100
67 47.4 0.0 106.6

Manual Integrations
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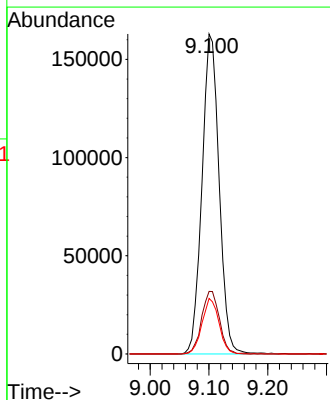
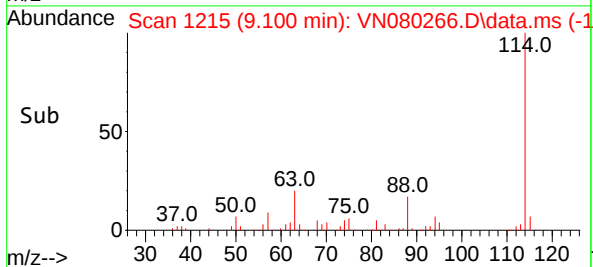
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



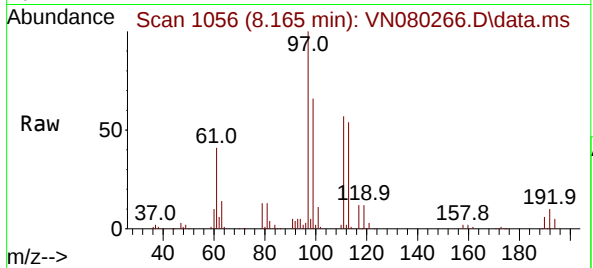
Tgt Ion:114 Resp: 329216
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 17.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.602 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

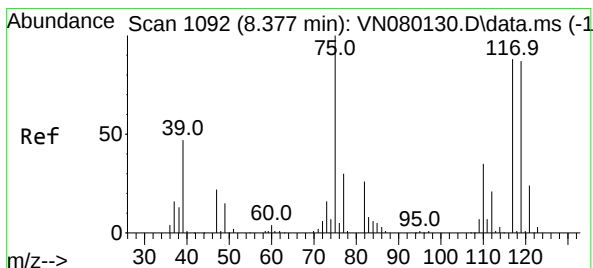
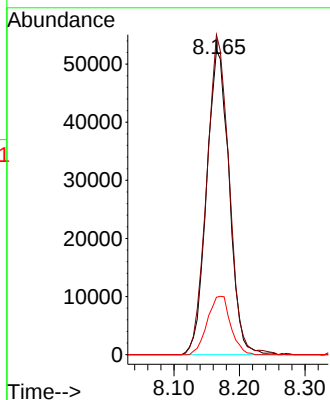
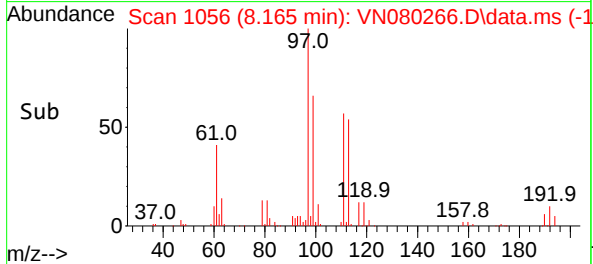
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



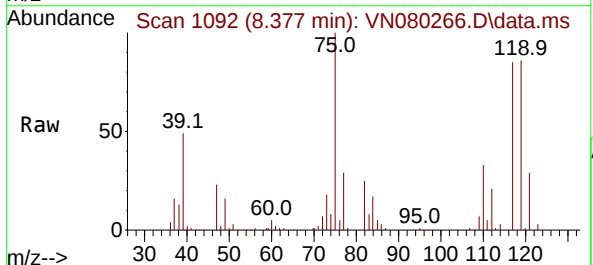
Tgt Ion:113 Resp: 12535
Ion Ratio Lower Upper
113 100
111 104.1 82.6 123.8
192 19.6 12.7 19.1

Manual Integrations
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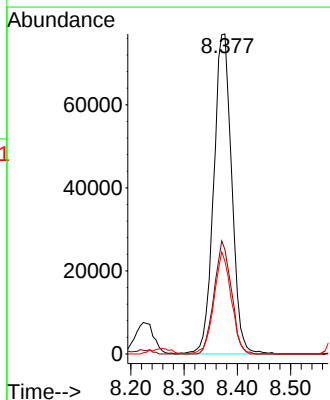
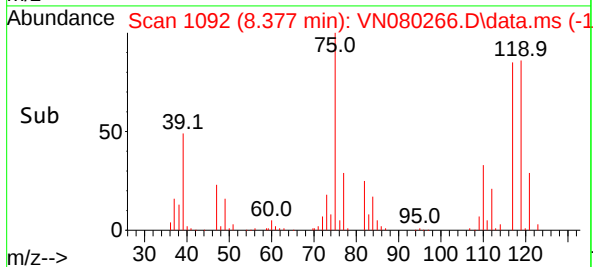
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

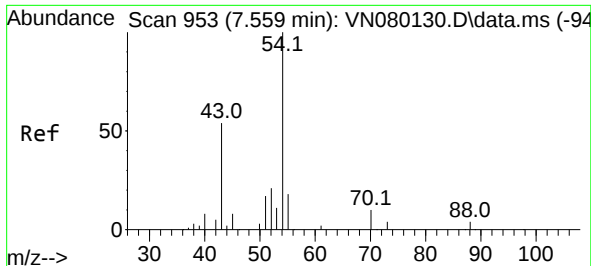


#36
1,1-Dichloropropene
Concen: 51.476 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



Tgt Ion: 75 Resp: 181040
Ion Ratio Lower Upper
75 100
110 33.7 19.1 57.3
77 30.4 25.0 37.4





#37

Ethyl Acetate

Concen: 45.684 ug/l

RT: 7.565 min Scan# 911

Delta R.T. 0.006 min

Lab File: VN080266.D

Acq: 27 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

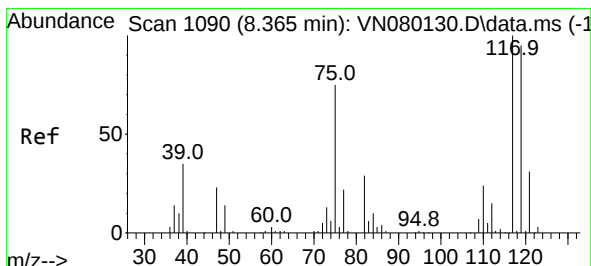
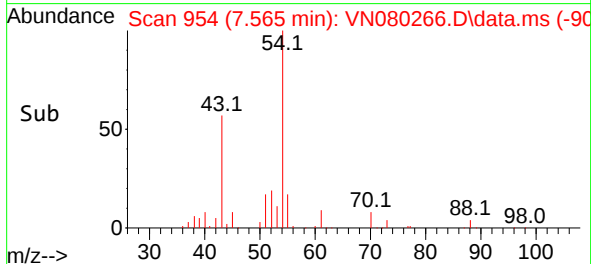
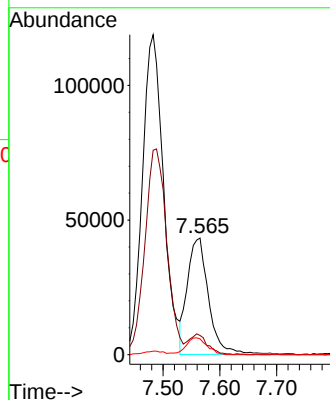
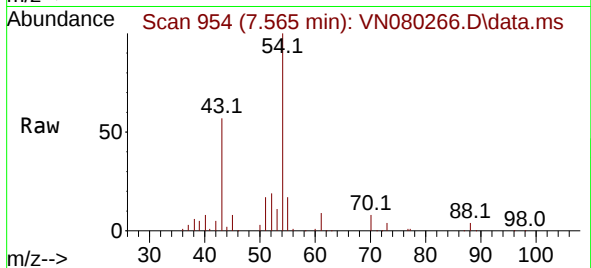
Tgt Ion:	43	Resp:	11144
Ion	Ratio	Lower	Upper
43	100		
61	14.4	13.2	19.8
70	14.2	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#38

Carbon Tetrachloride

Concen: 52.957 ug/l

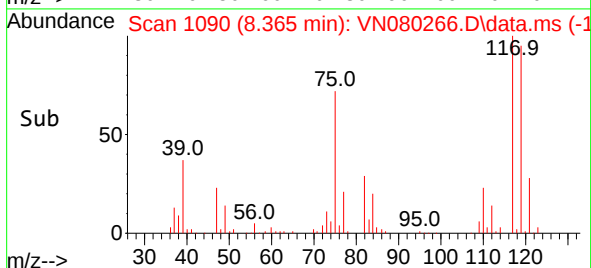
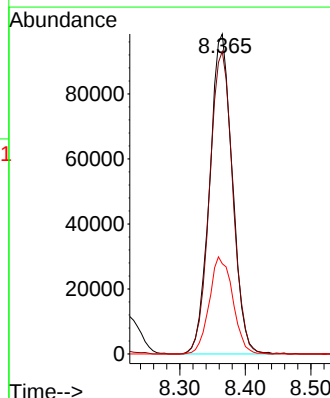
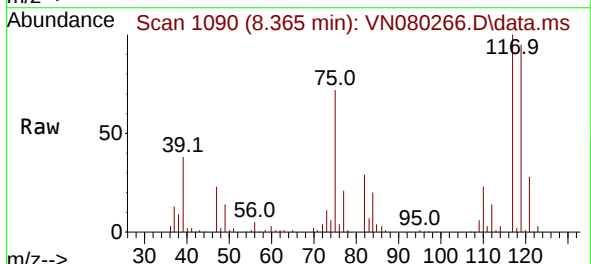
RT: 8.365 min Scan# 1090

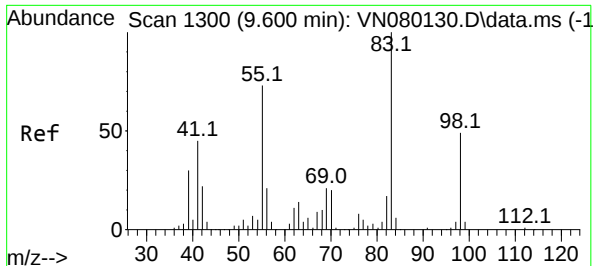
Delta R.T. -0.000 min

Lab File: VN080266.D

Acq: 27 Nov 2023 10:43

Tgt Ion:	117	Resp:	236352
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.3	115.9
121	28.2	23.3	34.9





#39

Methylcyclohexane

Concen: 47.918 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080266.D

Acq: 27 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 162494

Ion Ratio Lower Upper

83 100

55 73.1 49.1 73.7

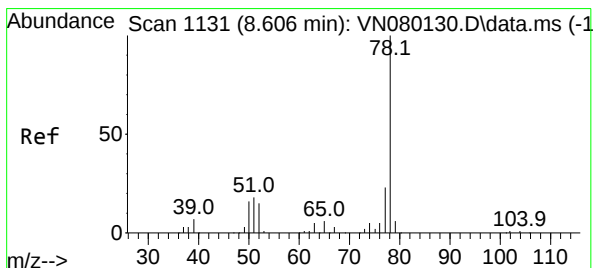
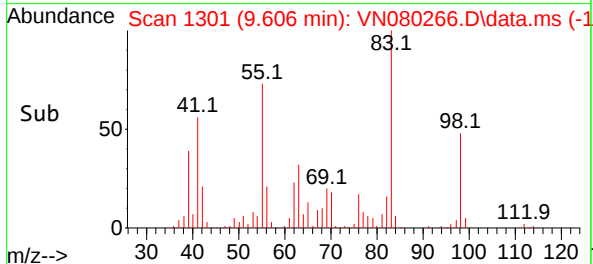
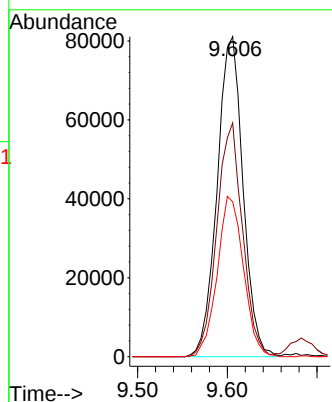
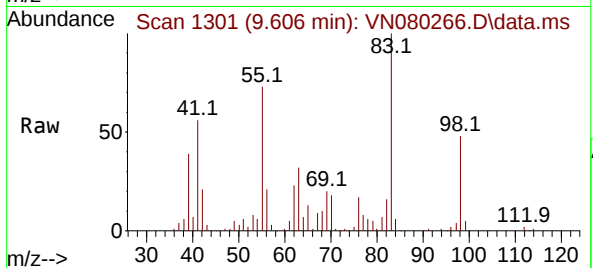
98 48.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#40

Benzene

Concen: 49.795 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080266.D

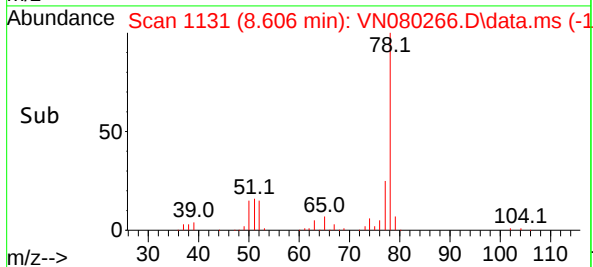
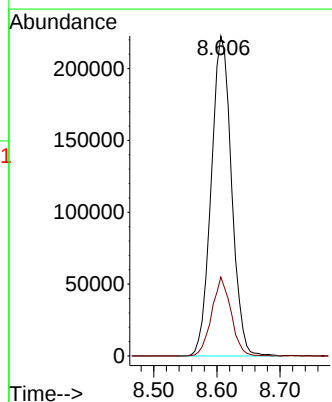
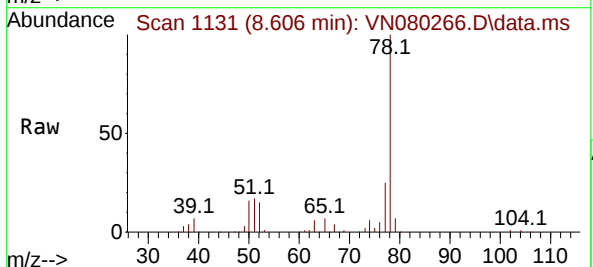
Acq: 27 Nov 2023 10:43

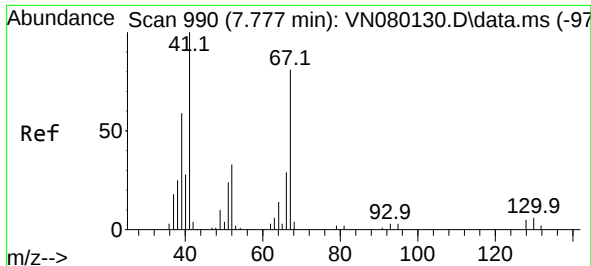
Tgt Ion: 78 Resp: 497733

Ion Ratio Lower Upper

78 100

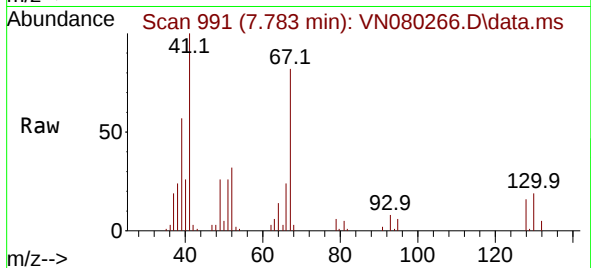
77 24.7 19.0 28.6





#41
Methacrylonitrile
Concen: 48.450 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

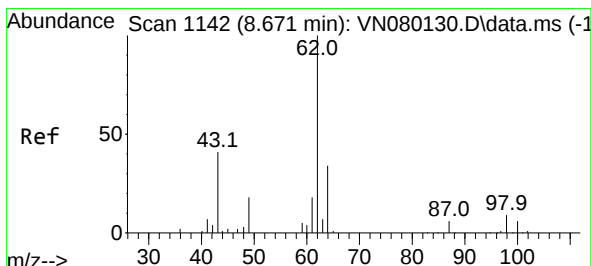
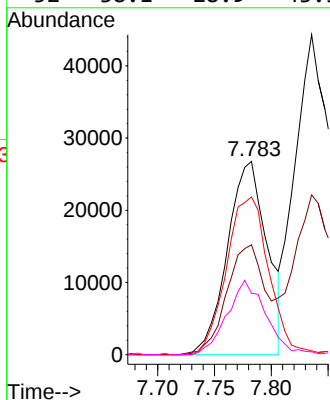
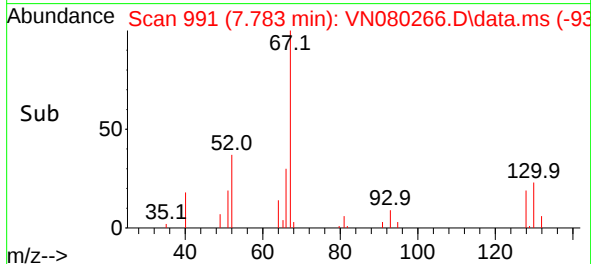
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 64909
Ion Ratio Lower Upper
41 100
39 54.3 42.6 64.0
67 87.2 77.5 116.3
52 38.1 28.9 43.3

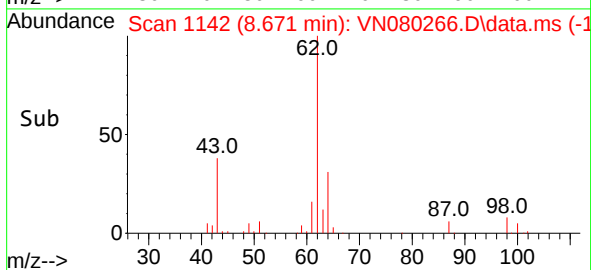
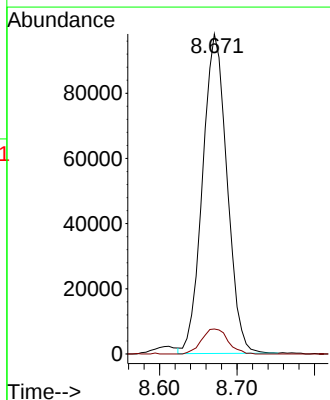
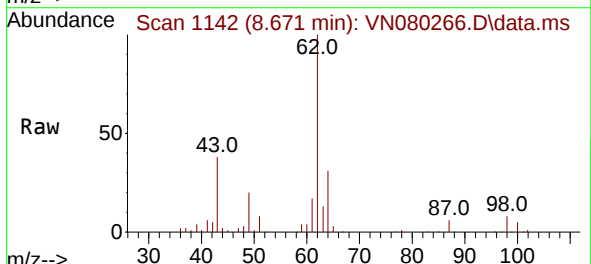
Manual Integrations
APPROVED

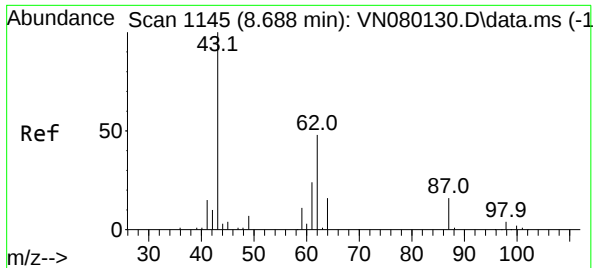
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#42
1,2-Dichloroethane
Concen: 52.683 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion: 62 Resp: 215443
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.8





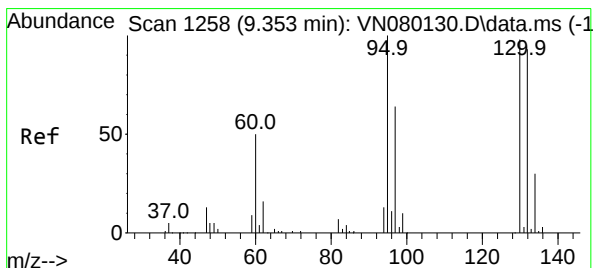
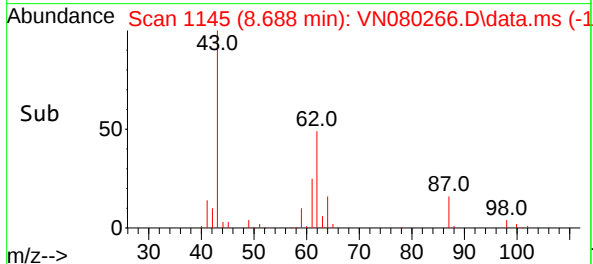
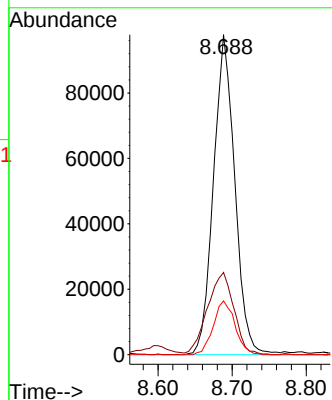
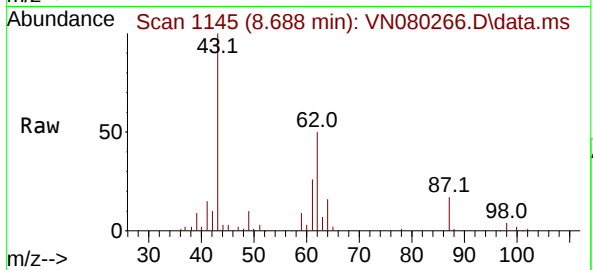
#43
Isopropyl Acetate
Concen: 41.129 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 19524
Ion Ratio Lower Upper
43 100
61 31.9 24.7 37.1
87 17.1 14.6 21.8

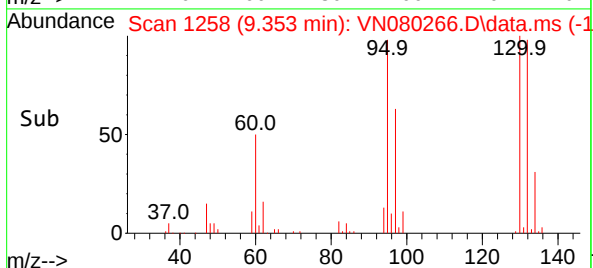
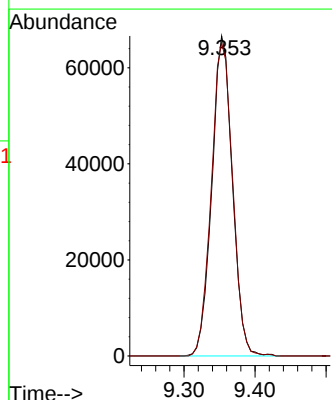
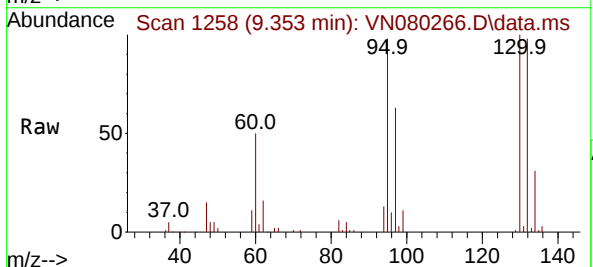
Manual Integrations
APPROVED

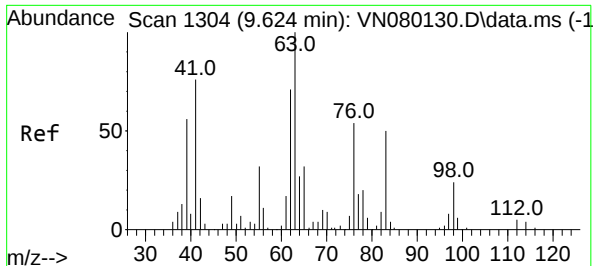
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#44
Trichloroethene
Concen: 50.963 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion:130 Resp: 133625
Ion Ratio Lower Upper
130 100
95 97.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.405 ug/l

RT: 9.624 min Scan# 11708

Delta R.T. -0.000 min

Lab File: VN080266.D

Acq: 27 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11708

Ion Ratio Lower Upper

63 100

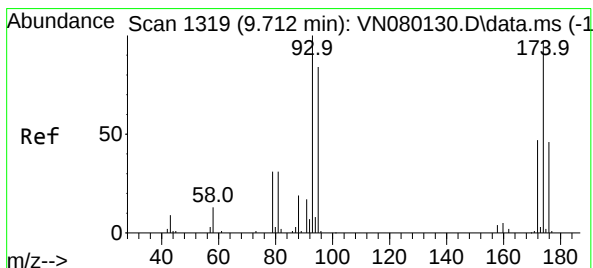
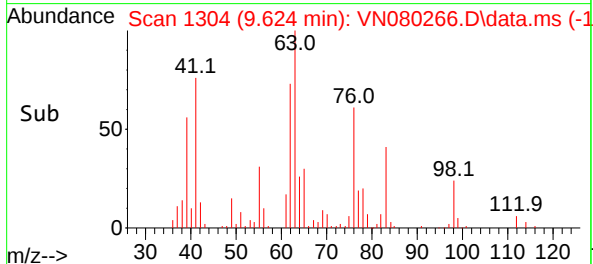
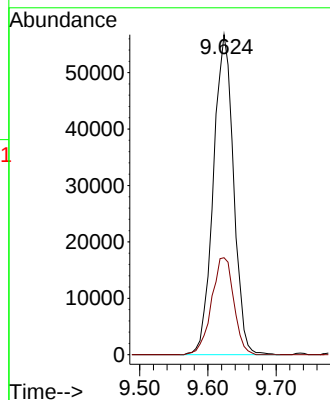
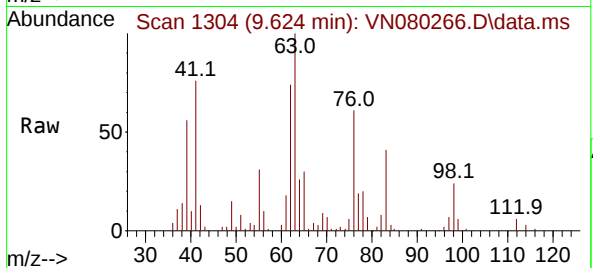
65 30.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#46

Dibromomethane

Concen: 52.063 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080266.D

Acq: 27 Nov 2023 10:43

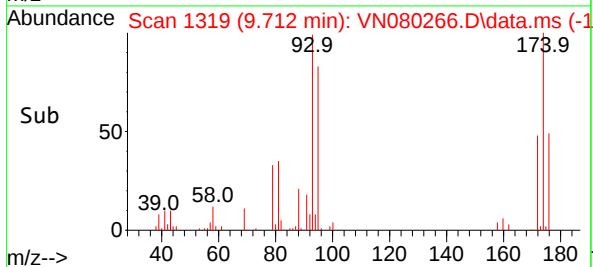
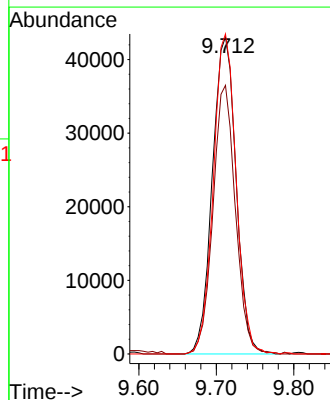
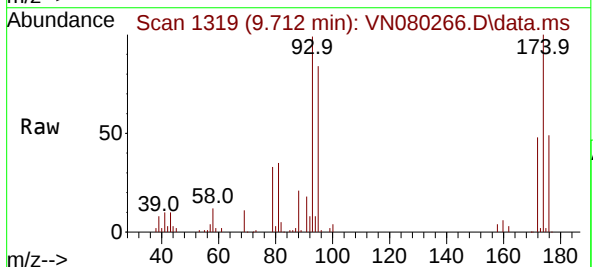
Tgt Ion: 93 Resp: 91546

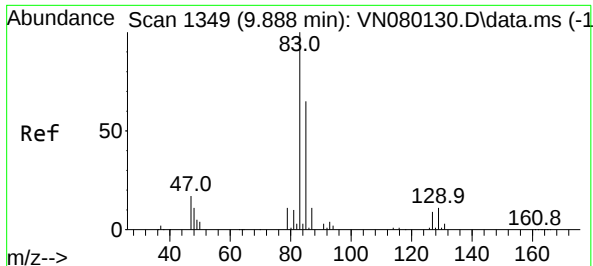
Ion Ratio Lower Upper

93 100

95 80.6 63.8 95.8

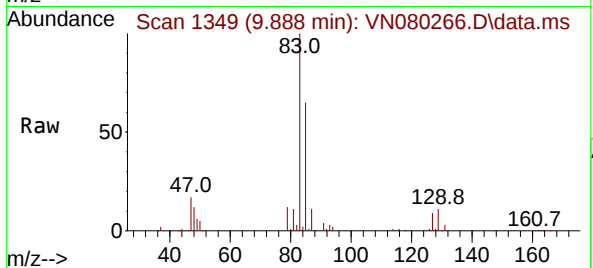
174 97.0 65.6 98.4





#47
Bromodichloromethane
Concen: 54.144 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

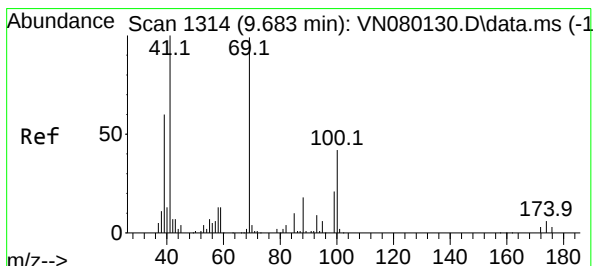
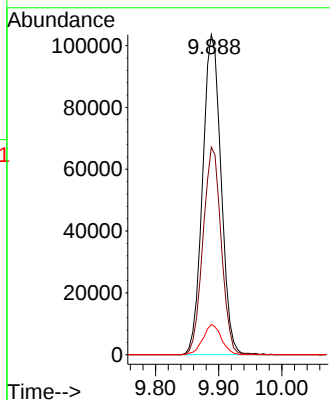
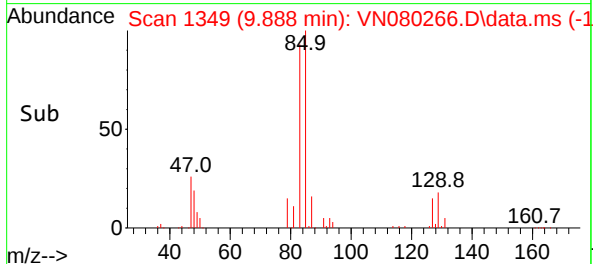
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



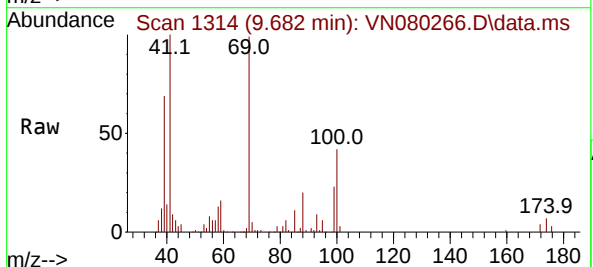
Tgt Ion: 83 Resp: 20942
Ion Ratio Lower Upper
83 100
85 64.9 49.6 74.4
127 9.5 7.0 10.6

Manual Integrations
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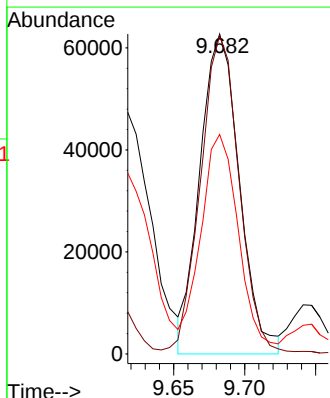
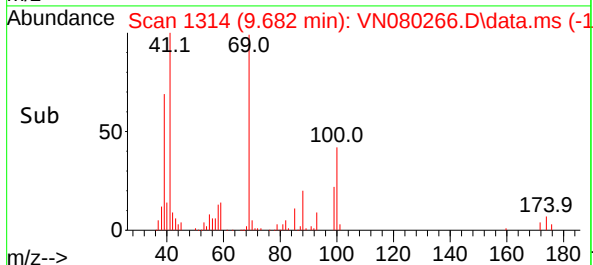
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

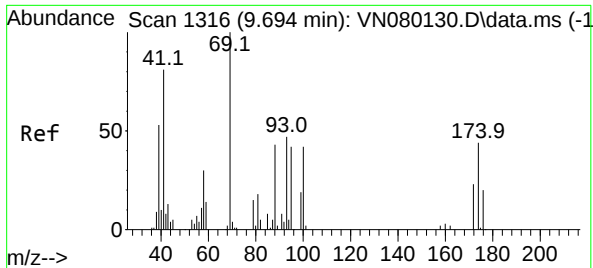


#48
Methyl methacrylate
Concen: 49.585 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



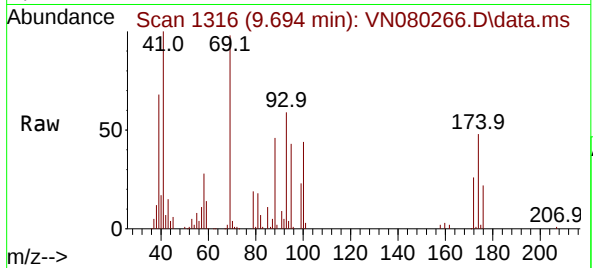
Tgt Ion: 41 Resp: 121307
Ion Ratio Lower Upper
41 100
69 98.1 90.4 135.6
39 66.4 54.6 81.8





#49
1,4-Dioxane
Concen: 916.802 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

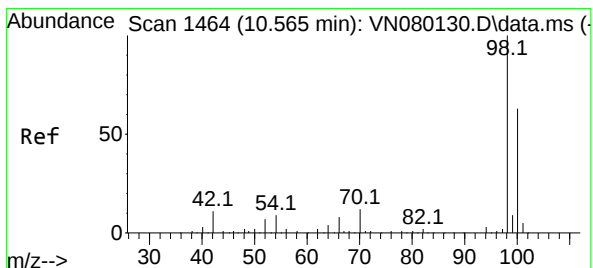
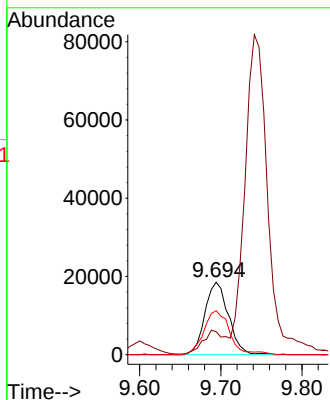
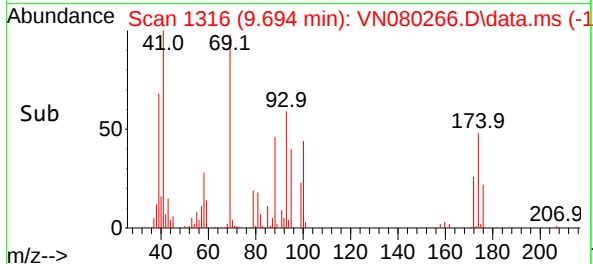
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



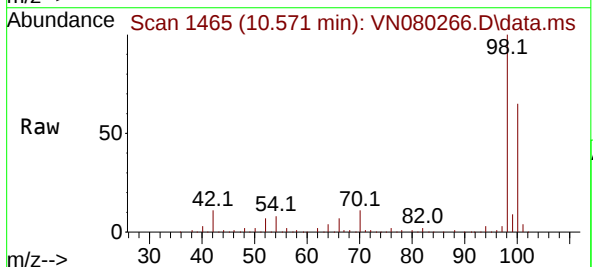
Tgt Ion: 88 Resp: 3731
Ion Ratio Lower Upper
88 100
43 24.4 17.0 25.6
58 66.9 47.0 70.4

Manual Integrations
APPROVED

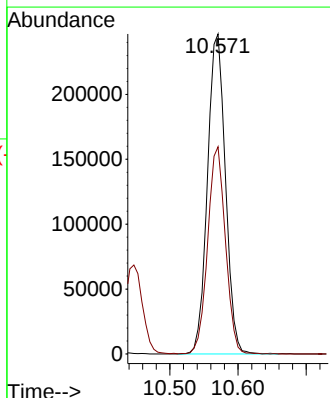
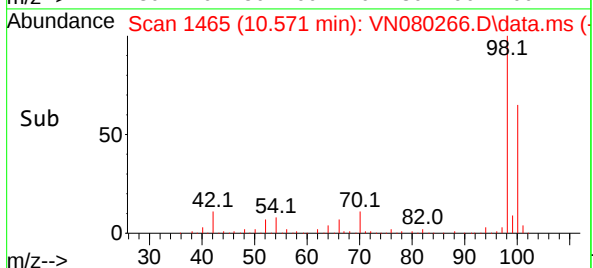
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

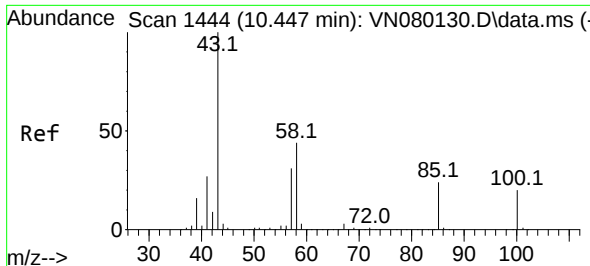


#50
Toluene-d8
Concen: 51.640 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



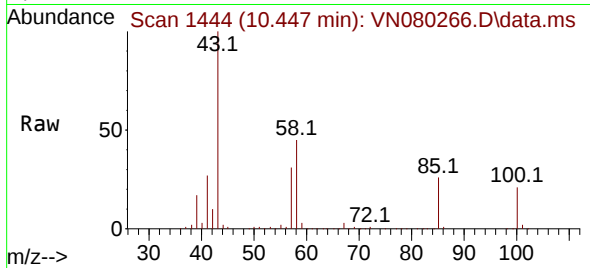
Tgt Ion: 98 Resp: 452195
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 239.896 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

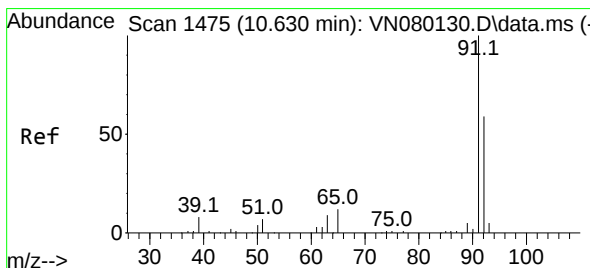
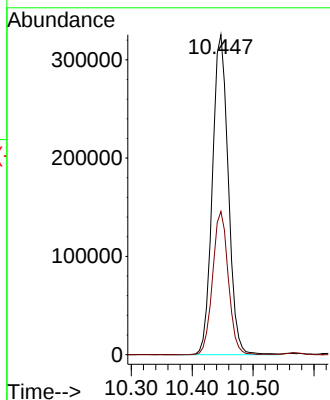
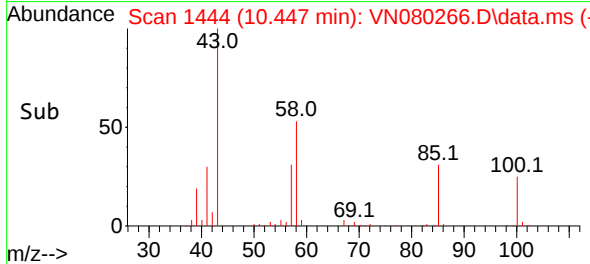
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



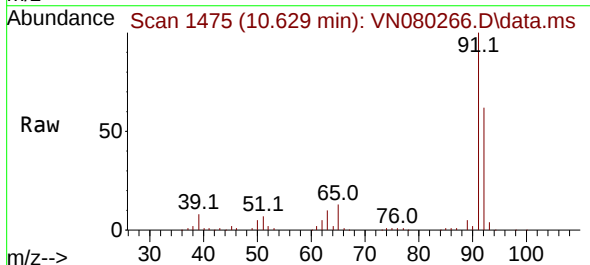
Tgt Ion: 43 Resp: 589604
Ion Ratio Lower Upper
43 100
58 44.2 36.6 54.8

Manual Integrations
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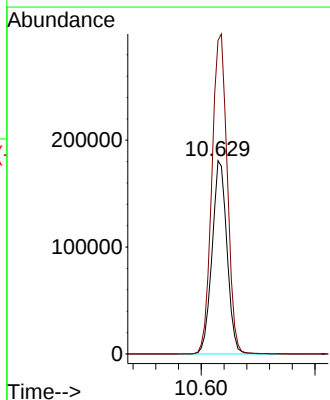
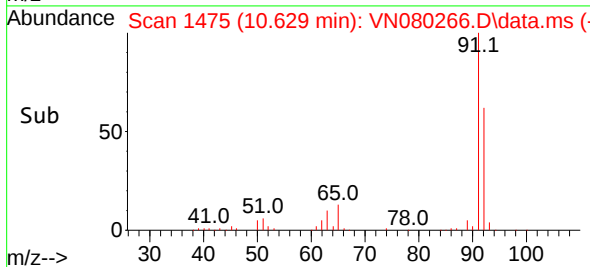
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#52
Toluene
Concen: 52.467 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



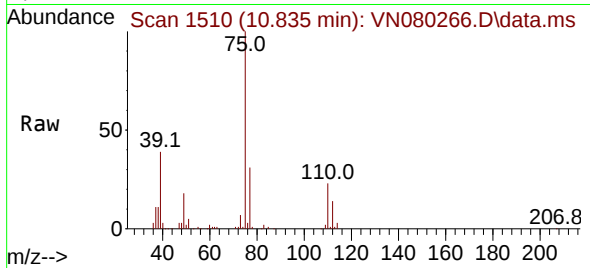
Tgt Ion: 92 Resp: 328206
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 51.887 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

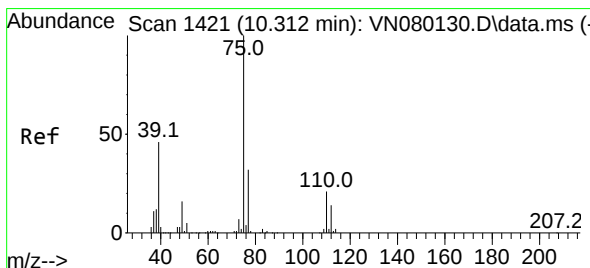
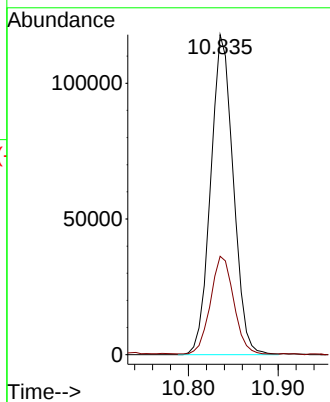
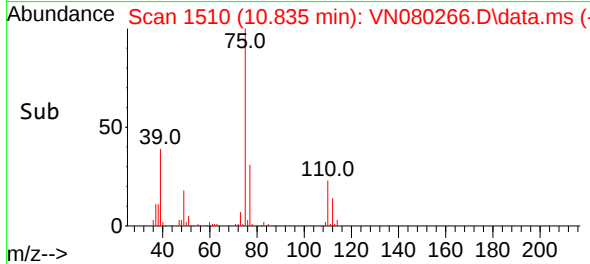
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



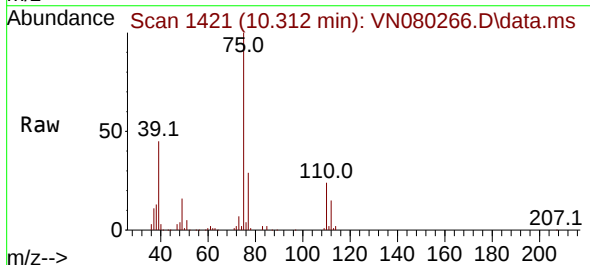
Tgt Ion: 75 Resp: 206197
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0

Manual Integrations
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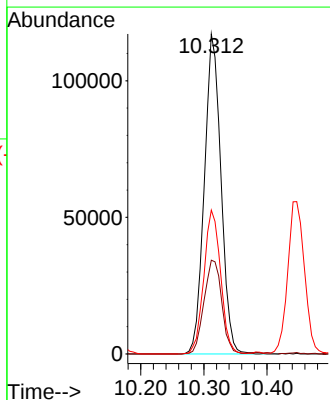
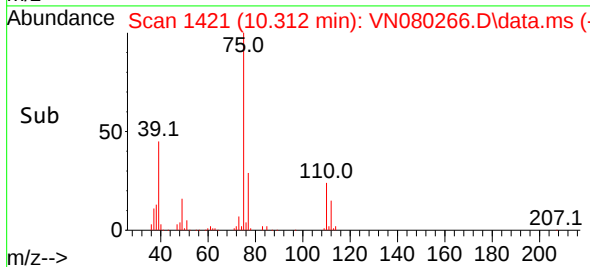
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

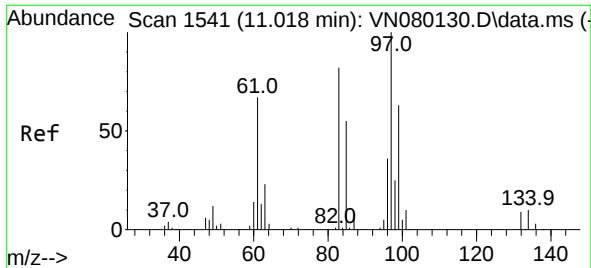


#54
cis-1,3-Dichloropropene
Concen: 52.986 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



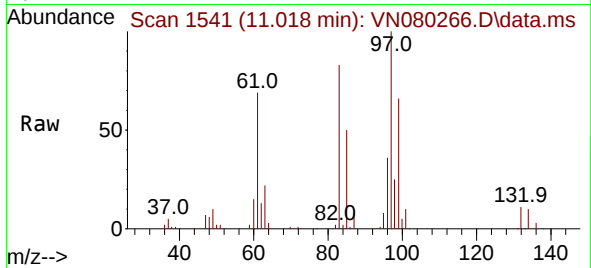
Tgt Ion: 75 Resp: 215126
Ion Ratio Lower Upper
75 100
77 29.3 26.1 39.1
39 44.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.380 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

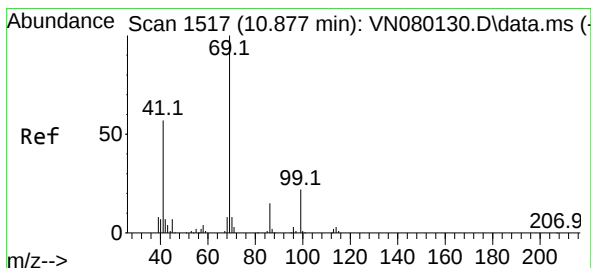
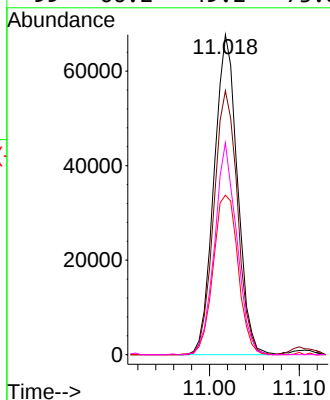
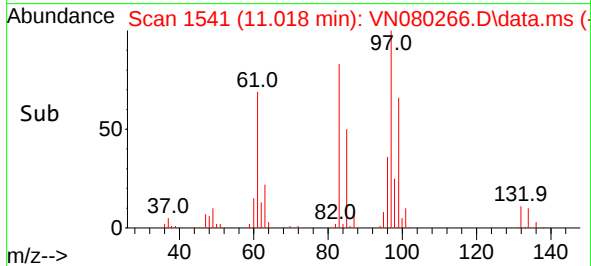


Tgt Ion: 97 Resp: 12267

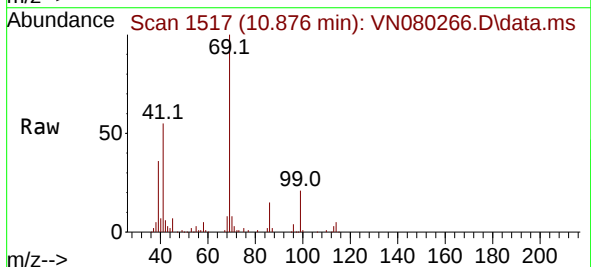
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.1	97.7
85	49.9	43.4	65.2
99	66.2	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

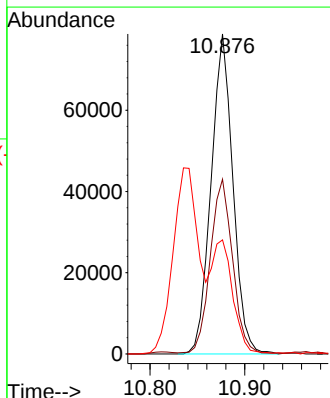
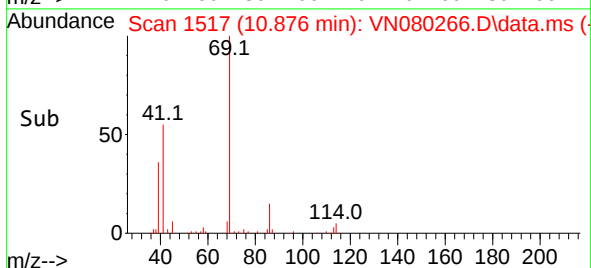


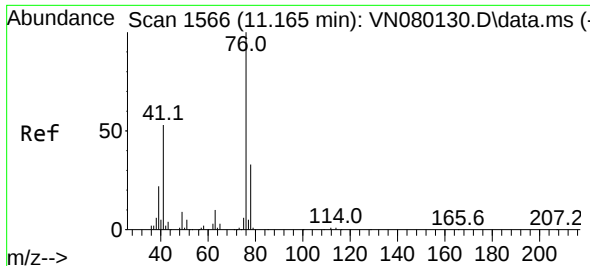
#56
Ethyl methacrylate
Concen: 51.692 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



Tgt Ion: 69 Resp: 126081

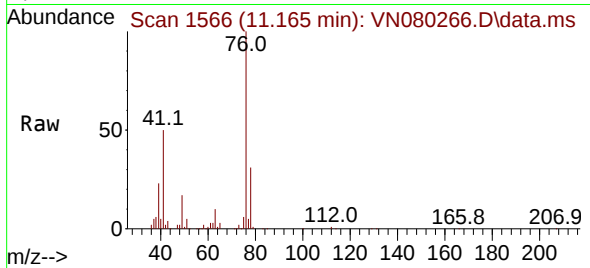
Ion	Ratio	Lower	Upper
69	100		
41	55.1	39.6	59.4
39	34.6	28.6	43.0





#57
1,3-Dichloropropane
Concen: 51.479 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

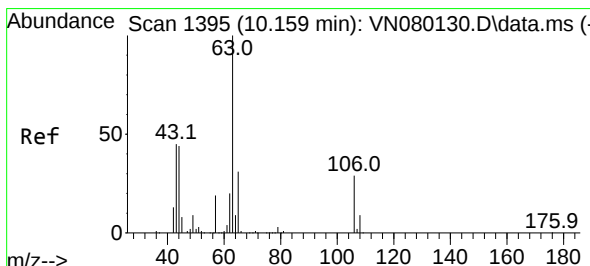
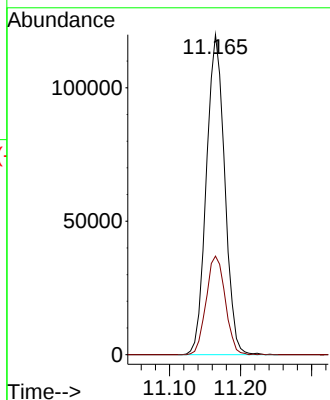
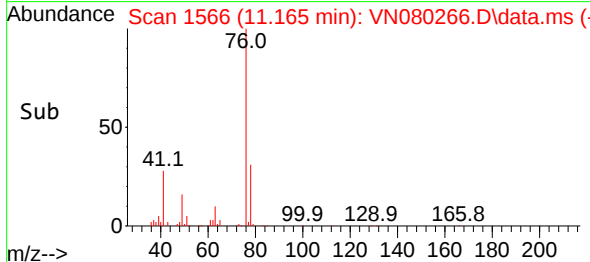
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



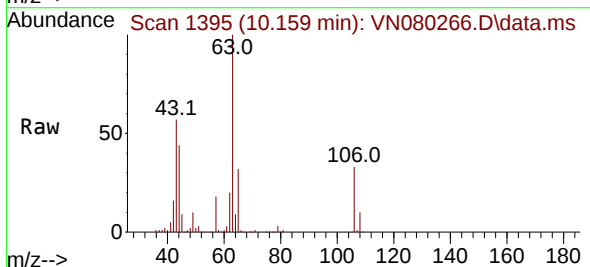
Tgt Ion: 76 Resp: 21459
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

Manual Integrations
APPROVED

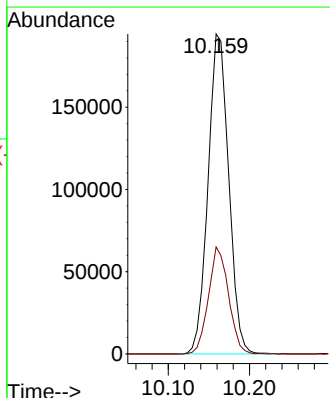
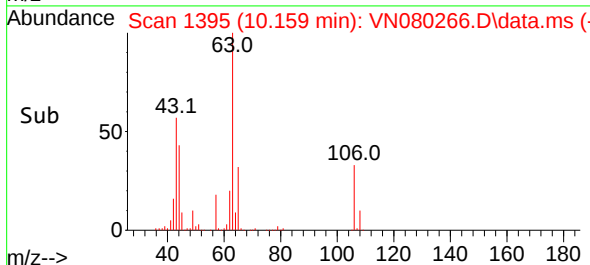
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

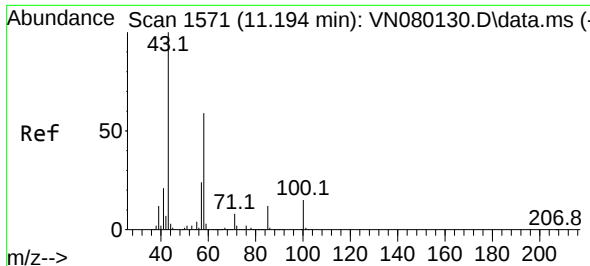


#58
2-Chloroethyl Vinyl ether
Concen: 250.145 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



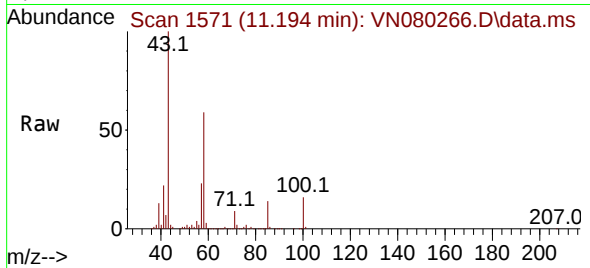
Tgt Ion: 63 Resp: 343725
Ion Ratio Lower Upper
63 100
106 32.5 26.2 39.4





#59
2-Hexanone
Concen: 234.730 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

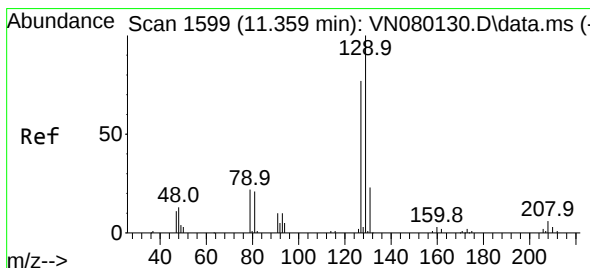
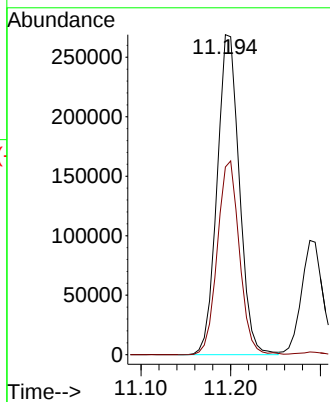
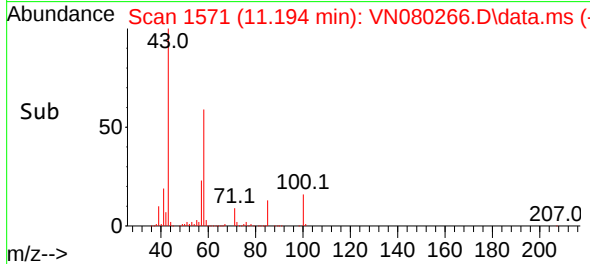
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 46357
Ion Ratio Lower Upper
43 100
58 59.9 31.7 95.1

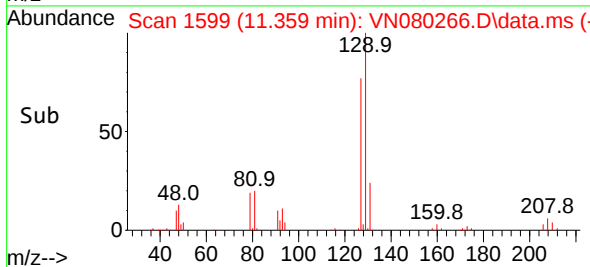
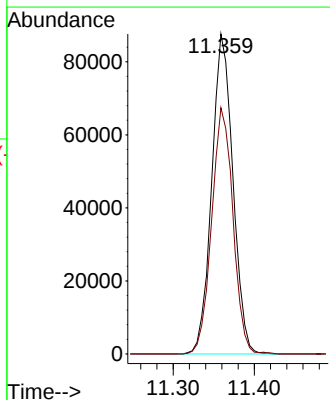
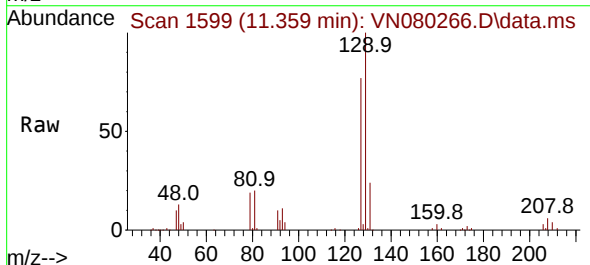
Manual Integrations
APPROVED

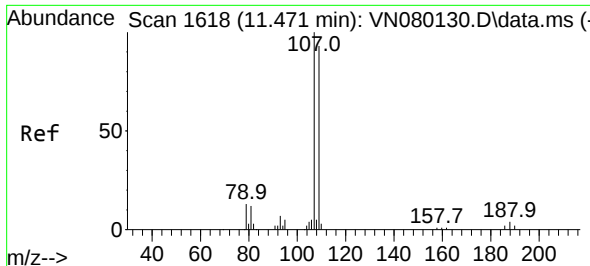
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#60
Dibromochloromethane
Concen: 55.514 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

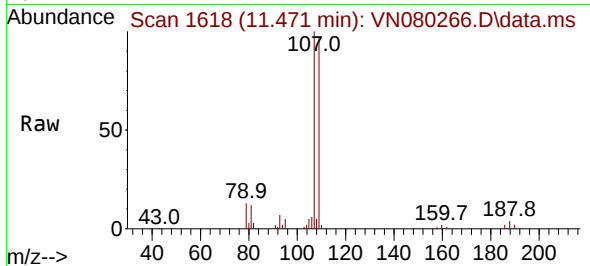
Tgt Ion:129 Resp: 158681
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.040 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

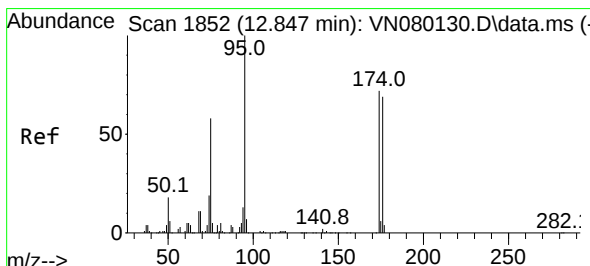
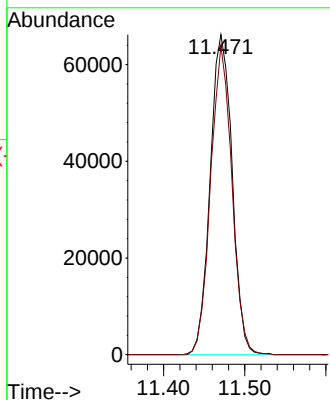
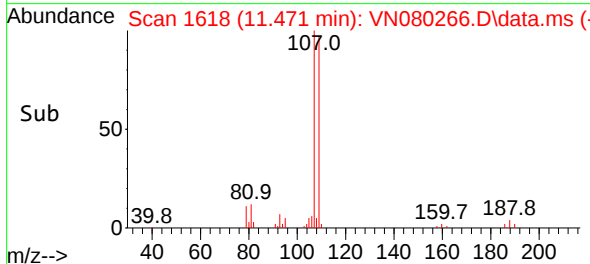
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



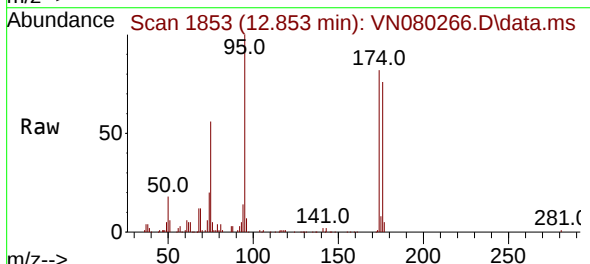
Tgt Ion:107 Resp: 124318
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

Manual Integrations
APPROVED

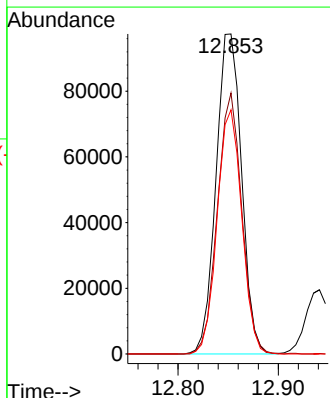
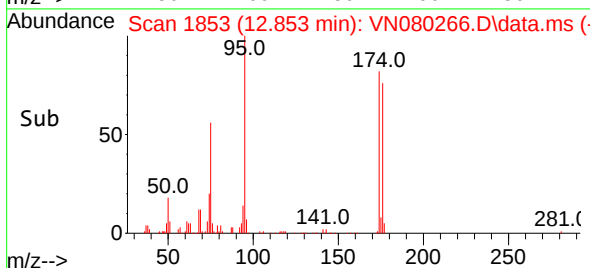
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

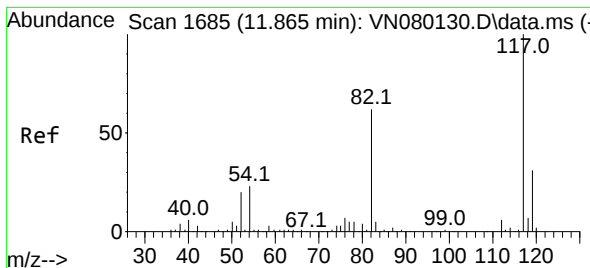


#62
4-Bromofluorobenzene
Concen: 52.202 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



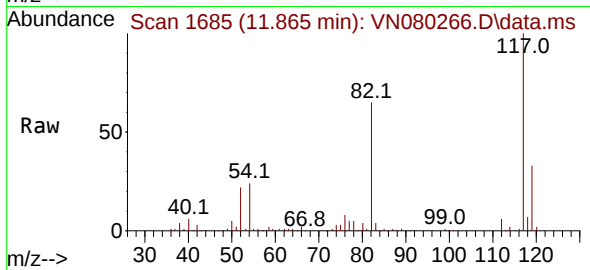
Tgt Ion: 95 Resp: 172661
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 73.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

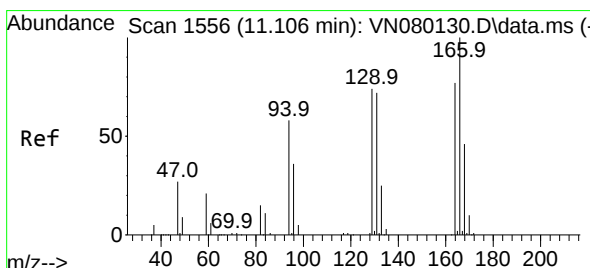
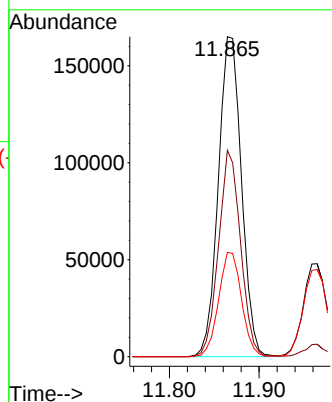
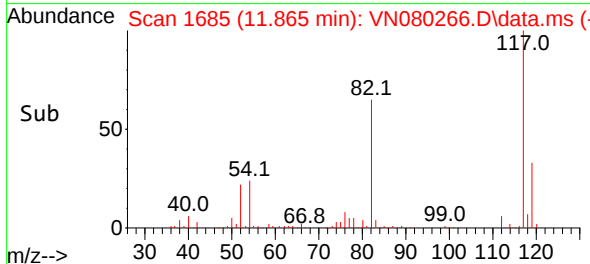
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 29593
Ion Ratio Lower Upper
117 100
82 64.5 44.0 66.0
119 32.6 25.6 38.4

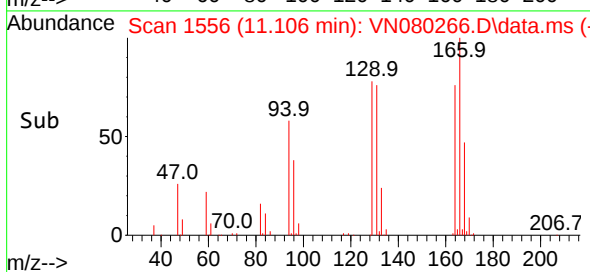
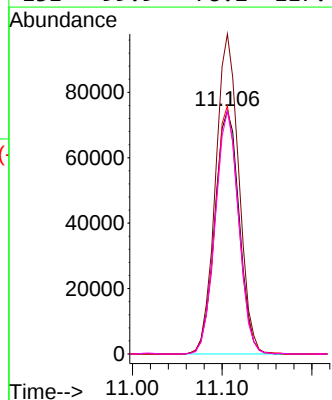
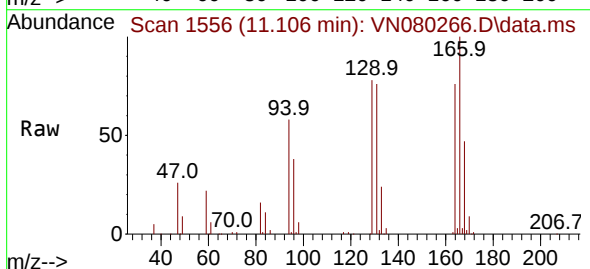
Manual Integrations
APPROVED

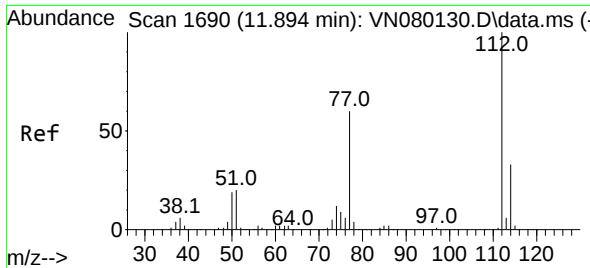
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#64
Tetrachloroethene
Concen: 62.038 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion:164 Resp: 140110
Ion Ratio Lower Upper
164 100
166 131.6 101.4 152.0
129 102.1 82.4 123.6
131 99.9 78.2 117.4





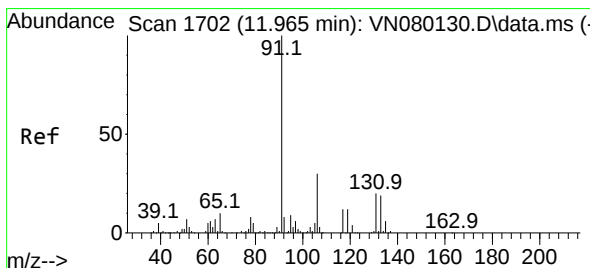
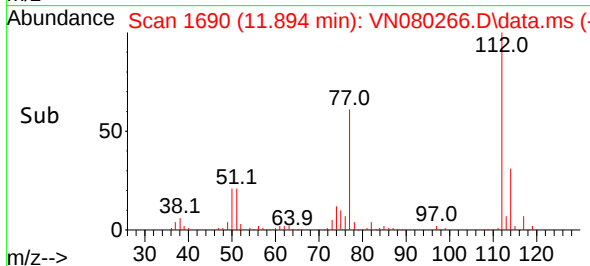
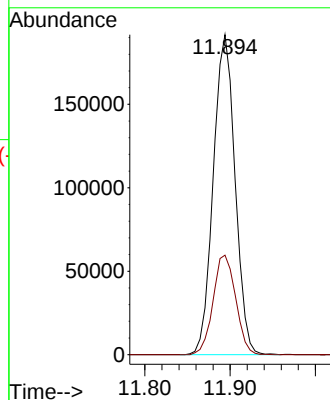
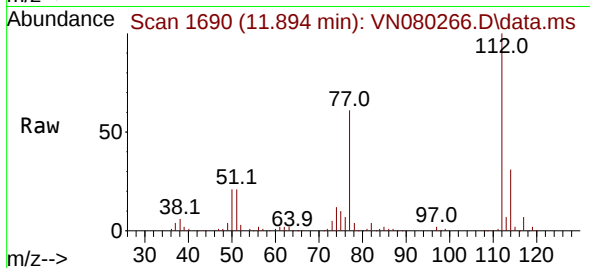
#65
Chlorobenzene
Concen: 50.697 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 339950
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

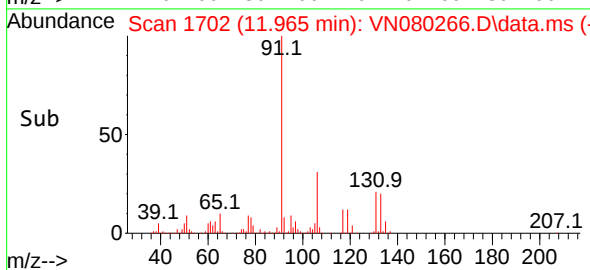
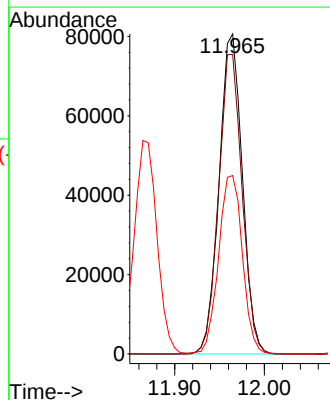
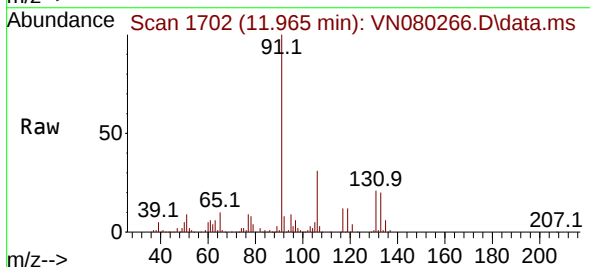
Manual Integrations
APPROVED

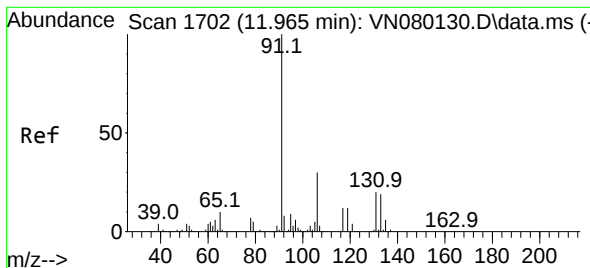
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 55.634 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion:131 Resp: 144770
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 57.4 34.1 102.2





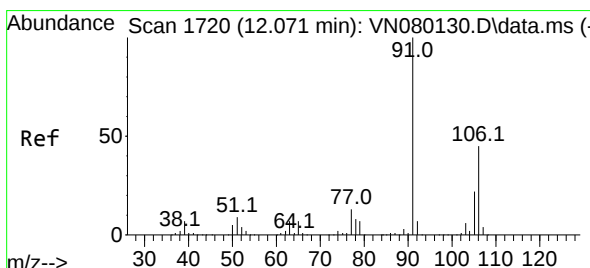
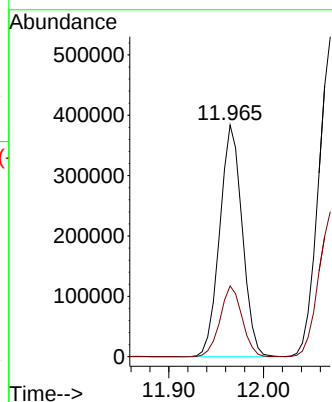
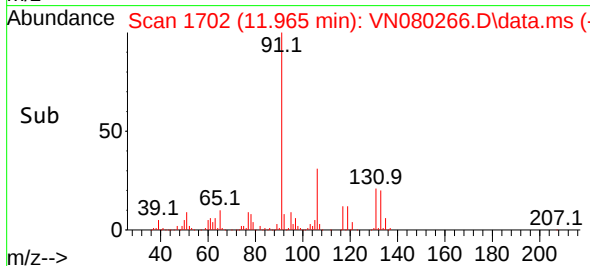
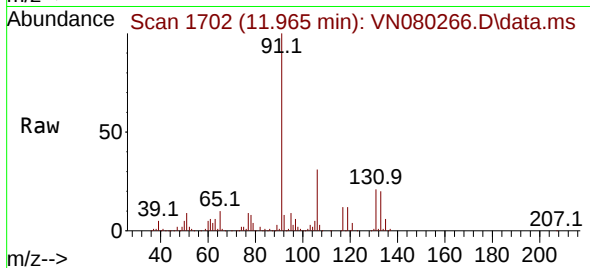
#67
Ethyl Benzene
Concen: 53.225 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 635093
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

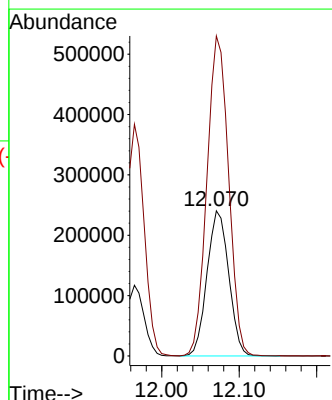
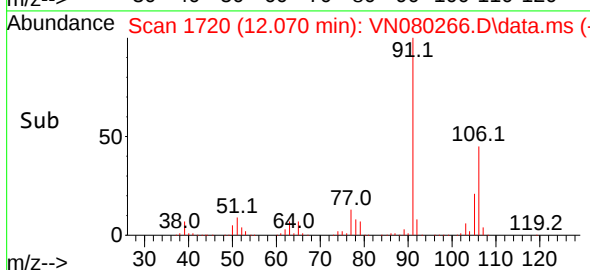
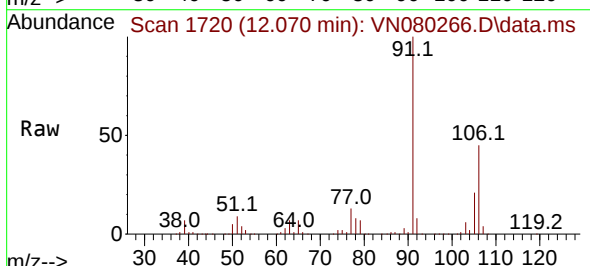
Manual Integrations
APPROVED

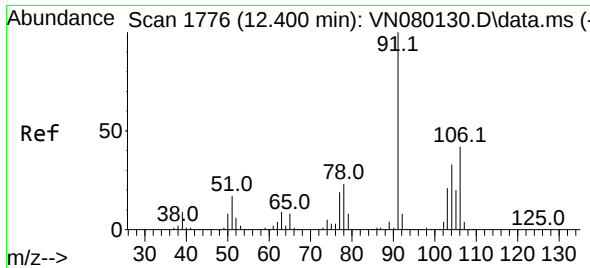
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#68
m/p-Xylenes
Concen: 107.566 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion:106 Resp: 467973
Ion Ratio Lower Upper
106 100
91 220.0 159.6 239.4





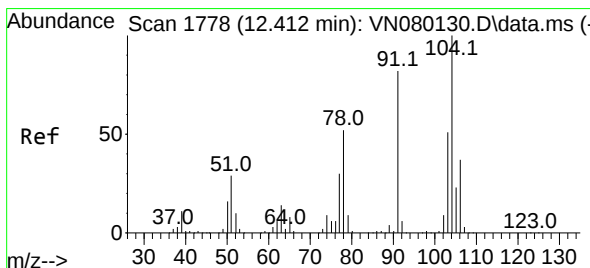
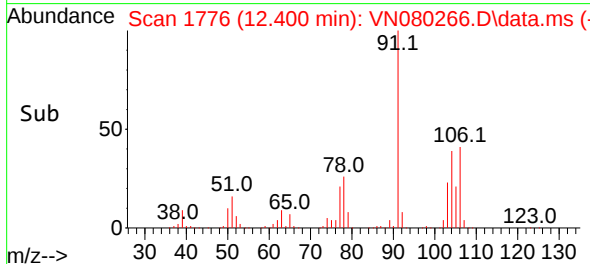
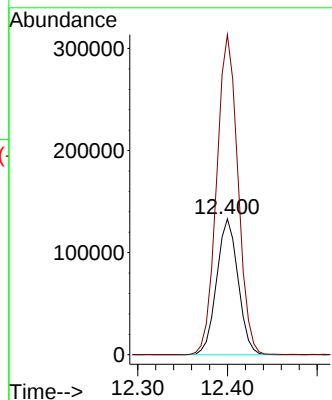
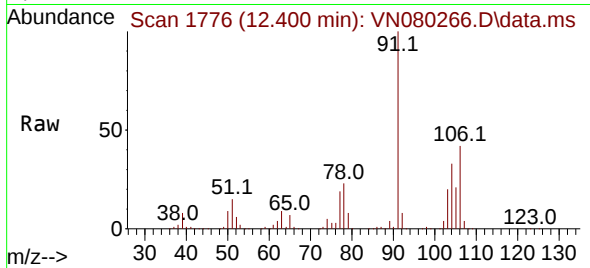
#69
o-Xylene
Concen: 53.722 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 220262
Ion Ratio Lower Upper
106 100
91 234.8 105.2 315.5

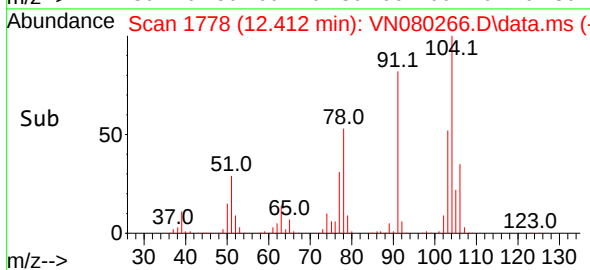
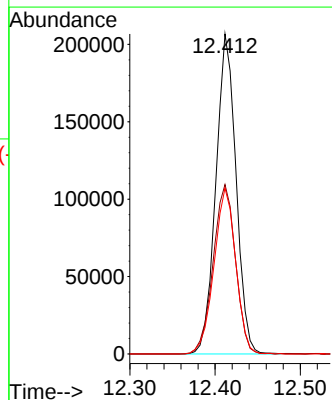
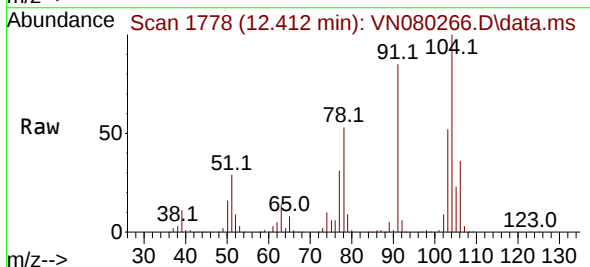
Manual Integrations
APPROVED

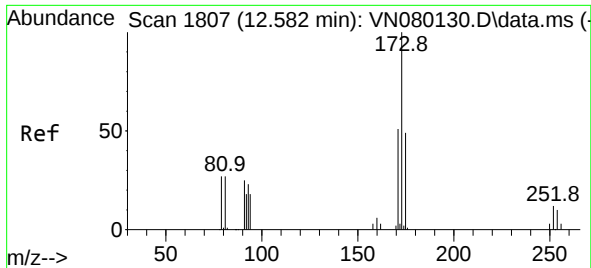
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#70
Styrene
Concen: 55.738 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

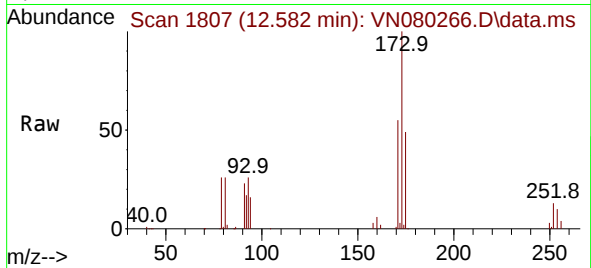
Tgt Ion:104 Resp: 340145
Ion Ratio Lower Upper
104 100
78 58.5 39.5 59.3
103 55.7 43.2 64.8





#71
Bromoform
Concen: 54.630 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

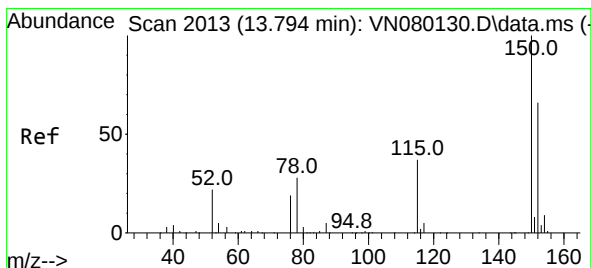
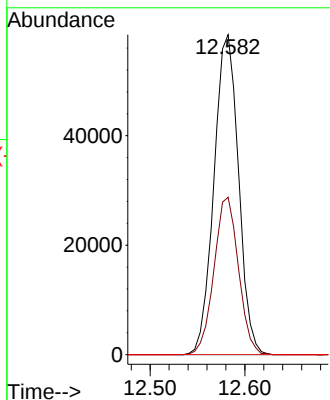
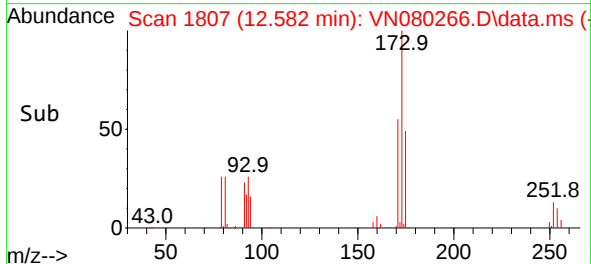
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



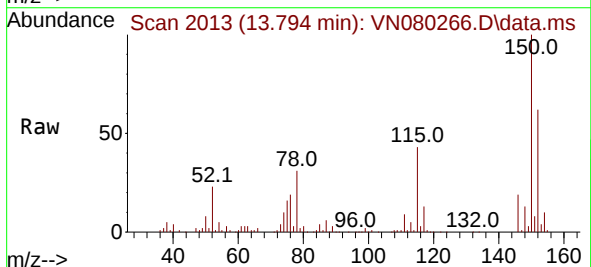
Tgt Ion:173 Resp: 10542
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

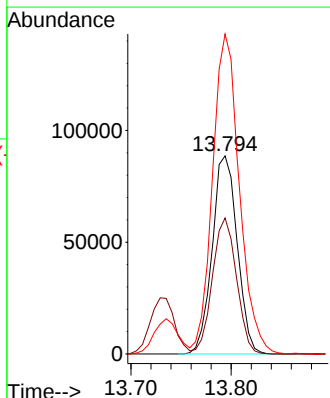
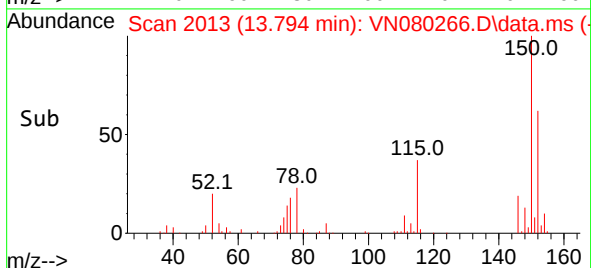
Reviewed By :John Carbone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

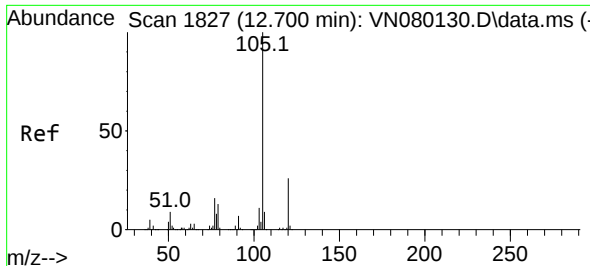


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



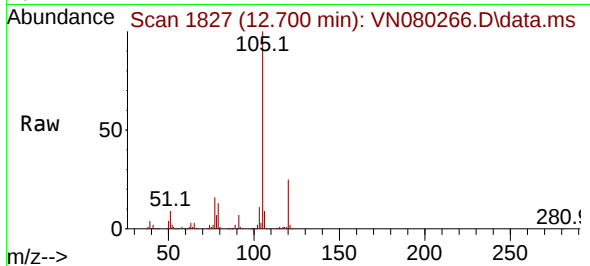
Tgt Ion:152 Resp: 153471
Ion Ratio Lower Upper
152 100
115 66.1 32.3 96.8
150 173.4 0.0 355.8





#73
Isopropylbenzene
Concen: 50.546 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

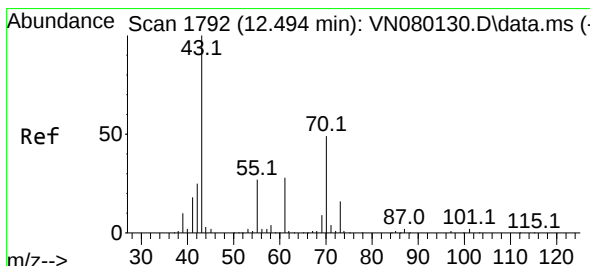
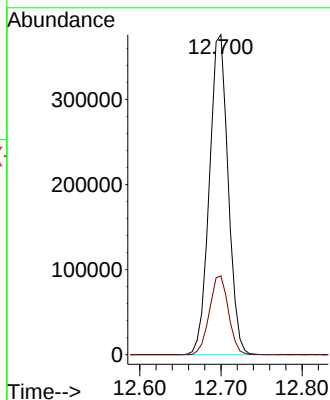
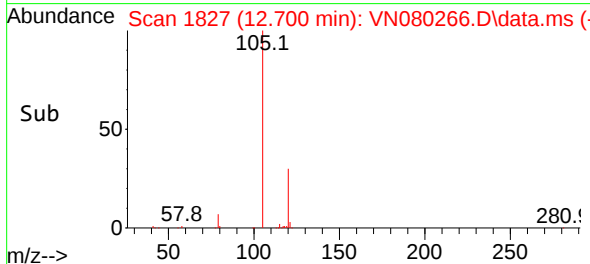
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 60279
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1

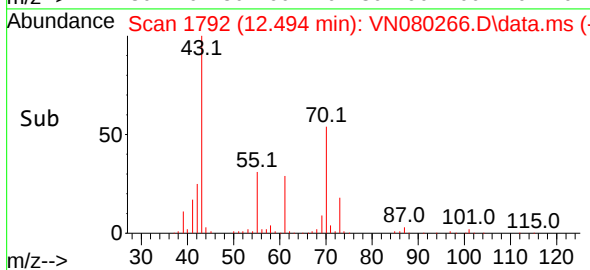
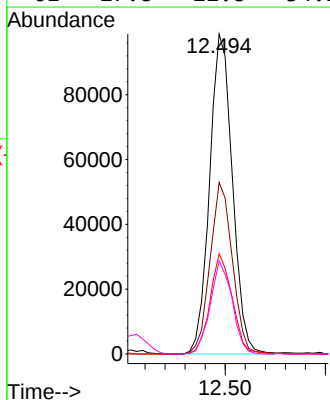
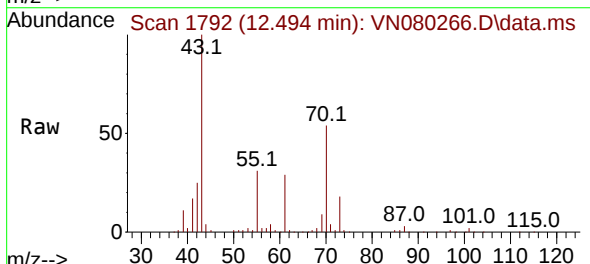
Manual Integrations
APPROVED

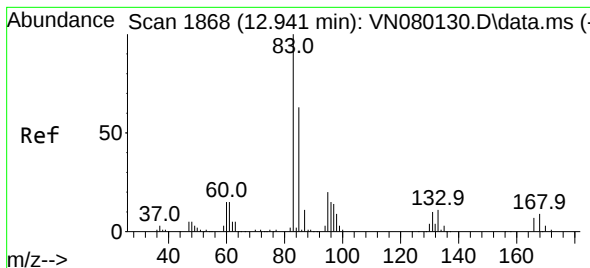
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#74
N-ethyl acetate
Concen: 41.947 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

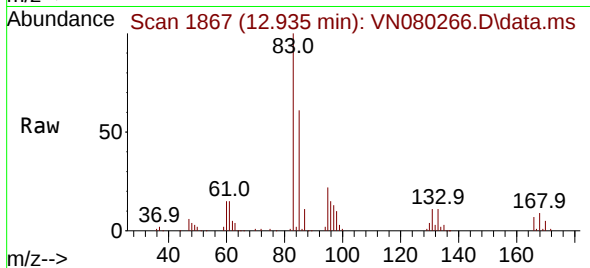
Tgt Ion: 43 Resp: 156003
Ion Ratio Lower Upper
43 100
70 52.4 43.4 65.2
55 30.5 21.4 32.0
61 27.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 41.777 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

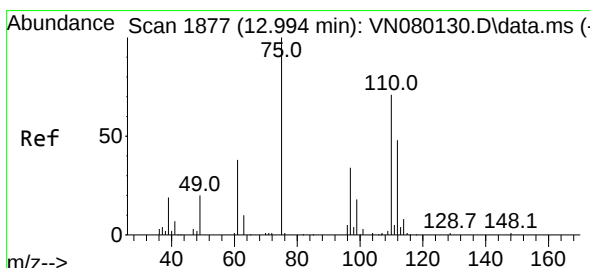
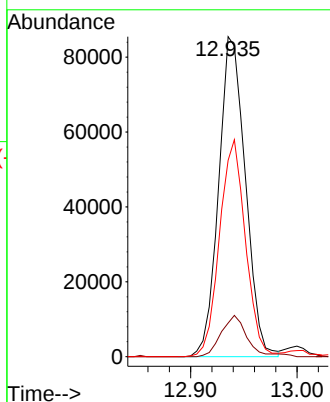
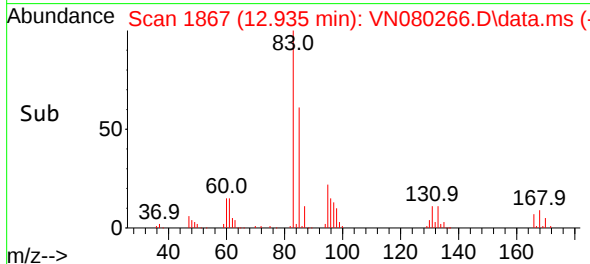
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 149110
Ion Ratio Lower Upper
83 100
131 12.6 5.0 15.0
85 65.7 31.9 95.7

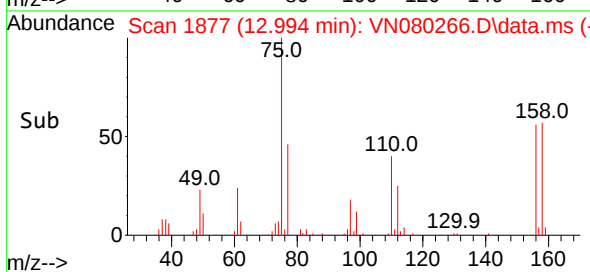
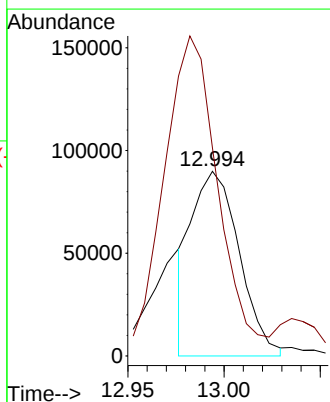
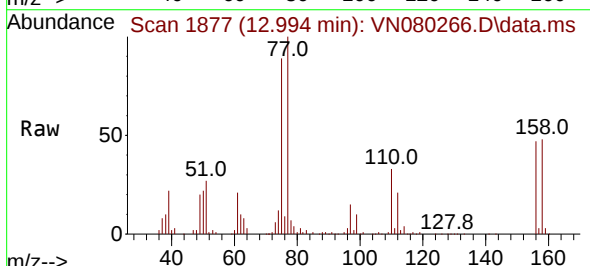
Manual Integrations
APPROVED

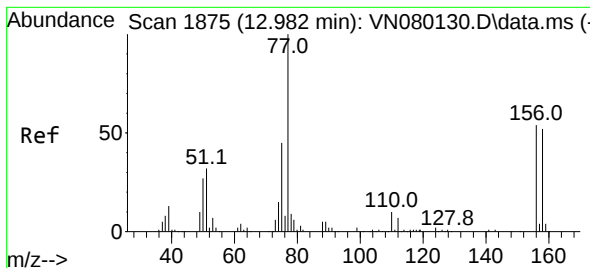
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#76
1,2,3-Trichloropropane
Concen: 41.185 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion: 75 Resp: 154868
Ion Ratio Lower Upper
75 100
77 197.9 84.5 253.5





#77

Bromobenzene

Concen: 49.339 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080266.D

Acq: 27 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 14835

Ion Ratio Lower Upper

156 100

77 206.6 107.7 323.3

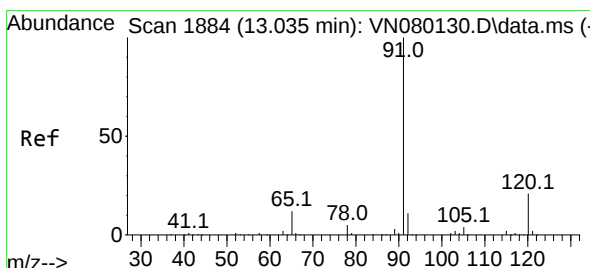
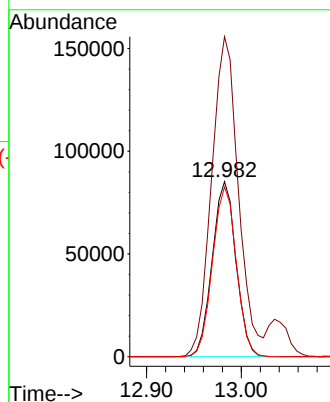
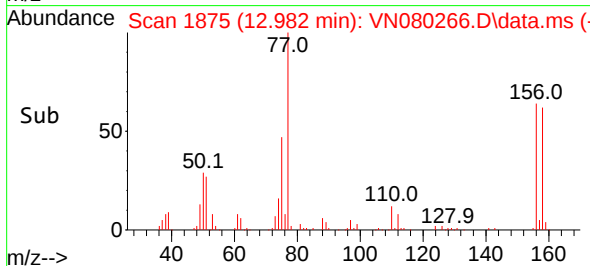
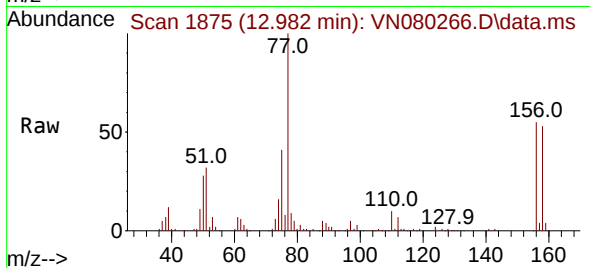
158 97.0 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#78

n-propylbenzene

Concen: 50.482 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN080266.D

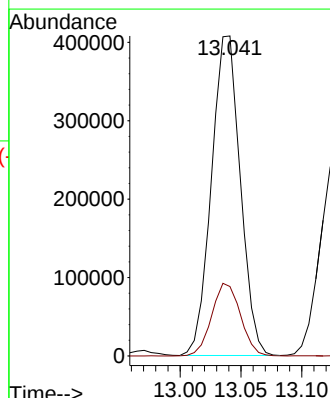
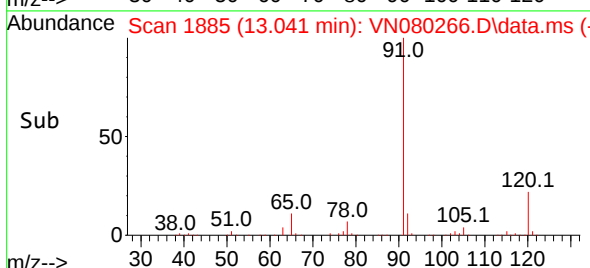
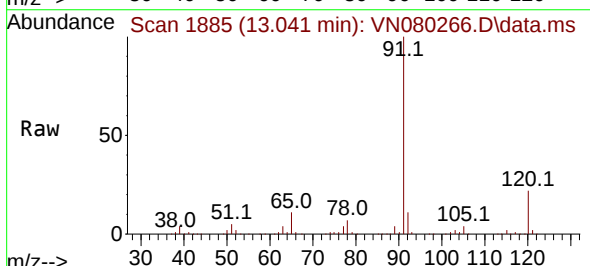
Acq: 27 Nov 2023 10:43

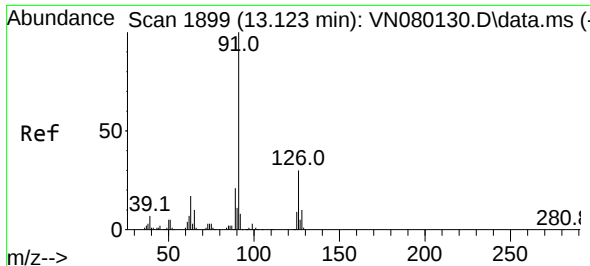
Tgt Ion: 91 Resp: 673222

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





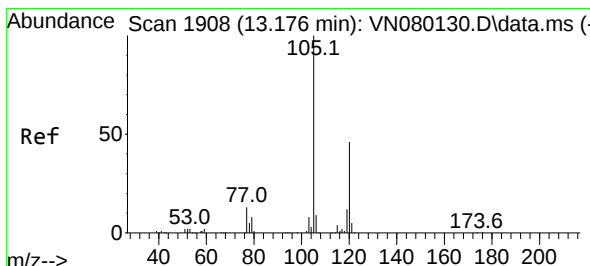
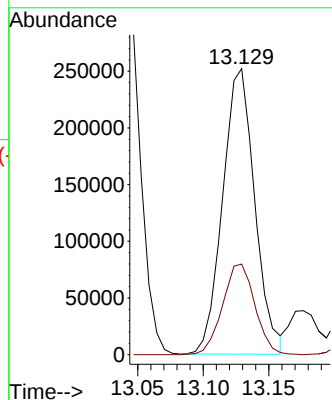
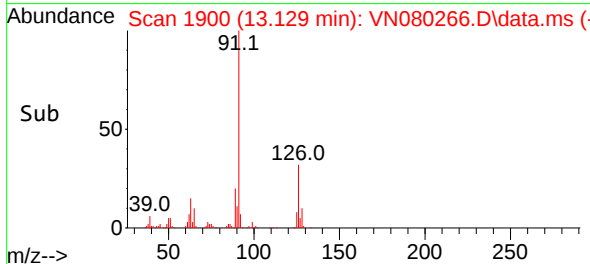
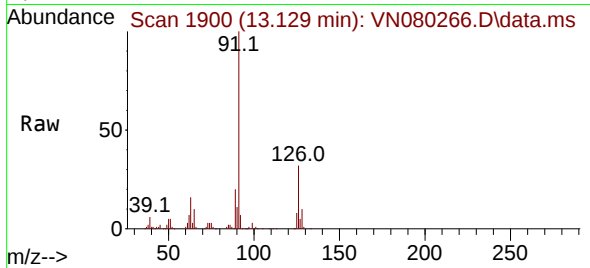
#79
2-Chlorotoluene
Concen: 49.507 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 42880
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

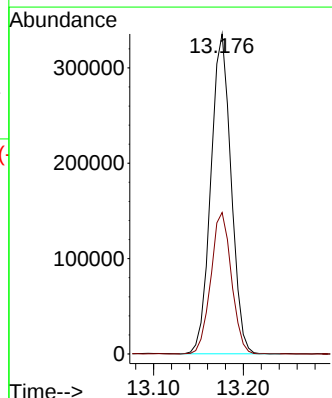
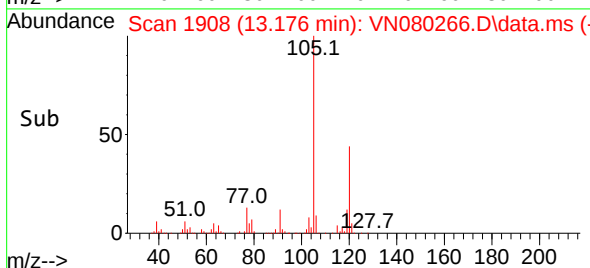
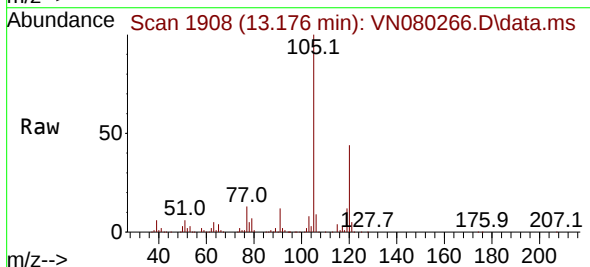
Manual Integrations
APPROVED

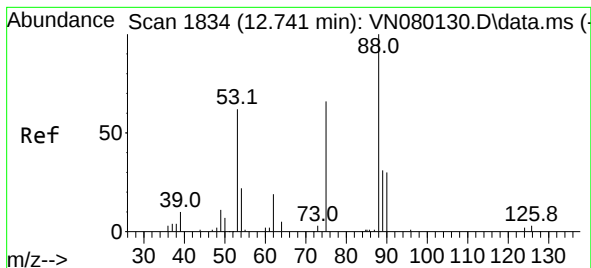
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.517 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

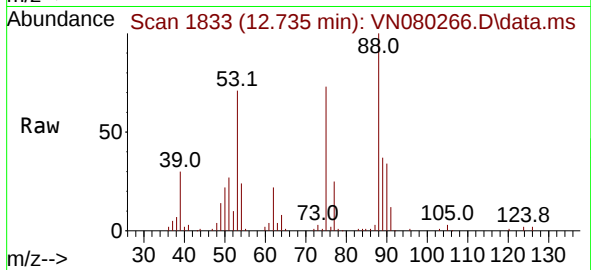
Tgt Ion:105 Resp: 524436
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.705 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

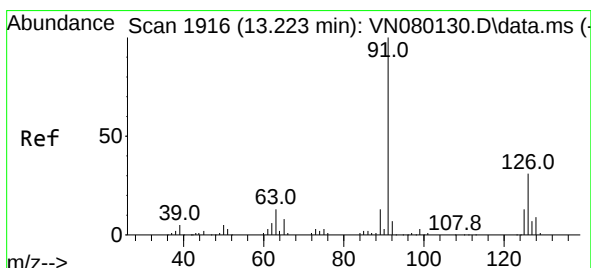
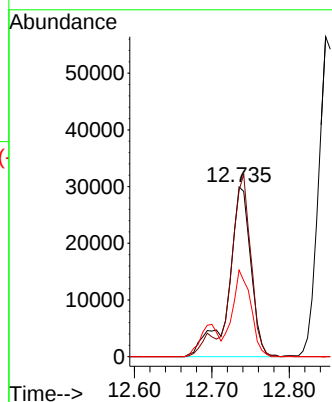
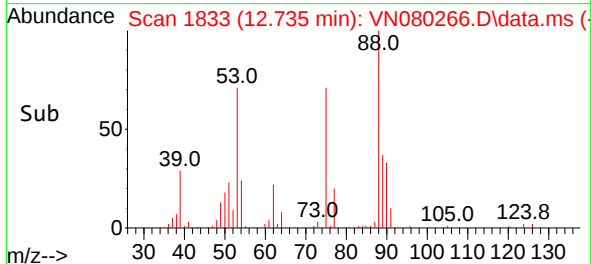
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 5977
Ion Ratio Lower Upper
75 100
53 90.0 67.4 101.2
89 42.6 38.8 58.2

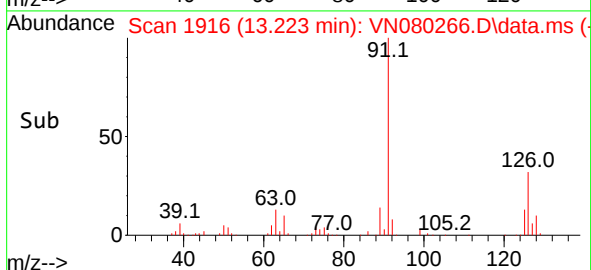
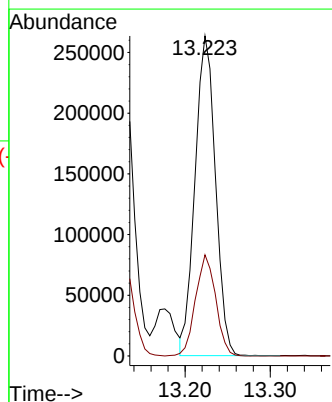
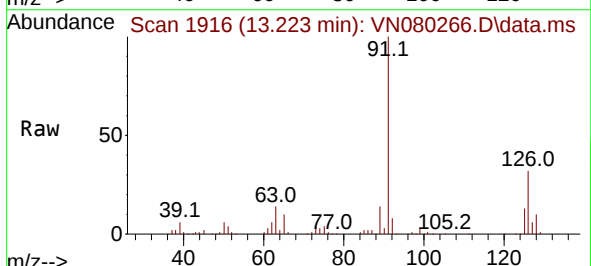
Manual Integrations
APPROVED

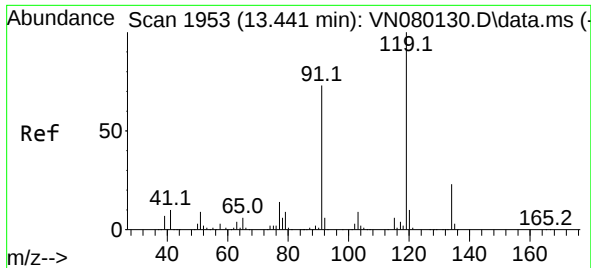
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#82
4-Chlorotoluene
Concen: 49.355 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

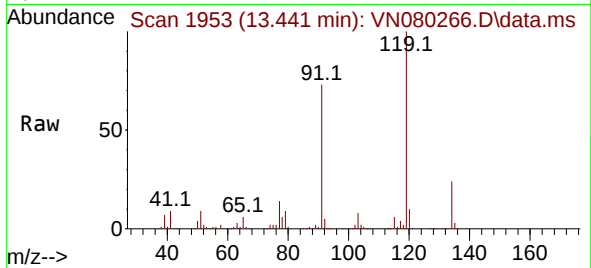
Tgt Ion: 91 Resp: 437943
Ion Ratio Lower Upper
91 100
126 31.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.441 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

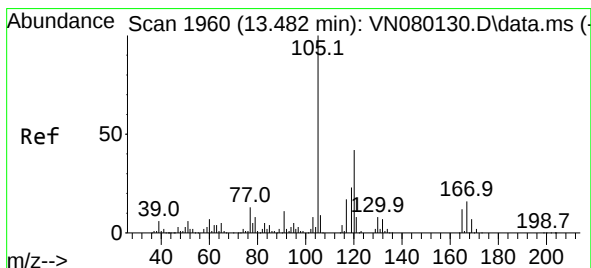
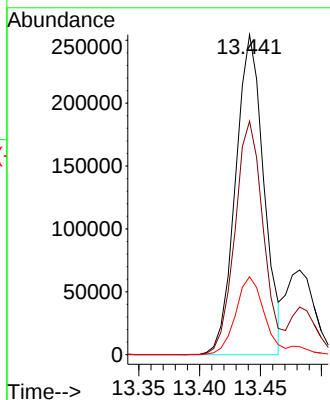
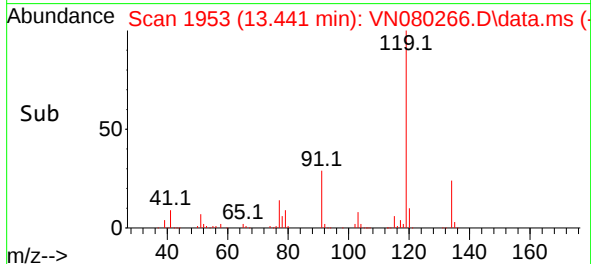
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



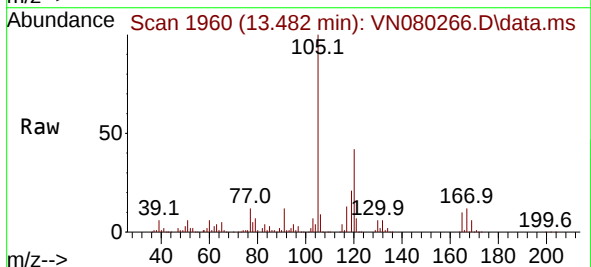
Tgt Ion:119 Resp: 411604
Ion Ratio Lower Upper
119 100
91 74.0 33.9 101.7
134 26.3 13.2 39.6

Manual Integrations
APPROVED

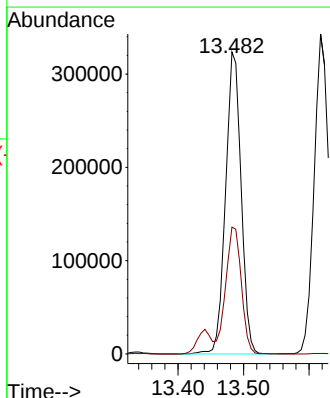
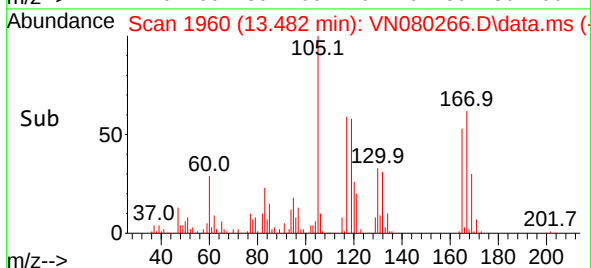
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

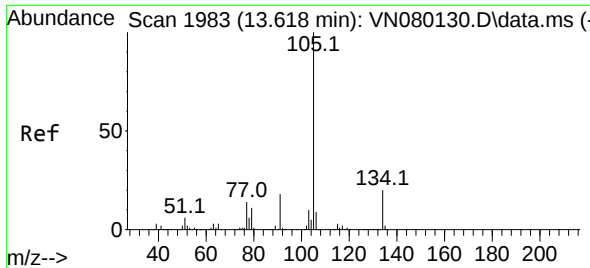


#84
1,2,4-Trimethylbenzene
Concen: 52.028 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



Tgt Ion:105 Resp: 531843
Ion Ratio Lower Upper
105 100
120 42.7 22.0 66.0





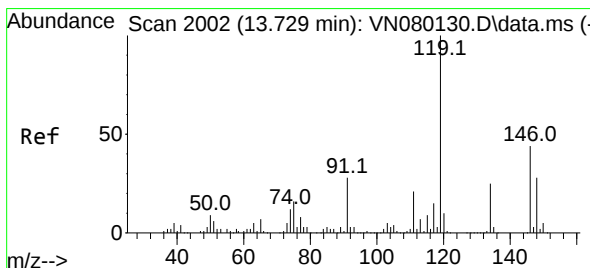
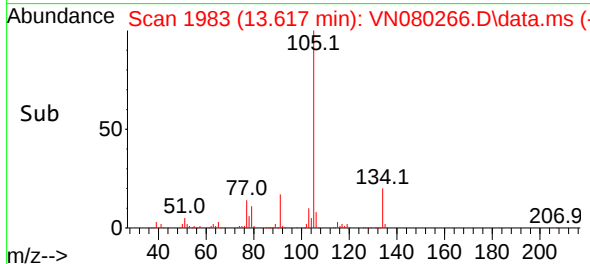
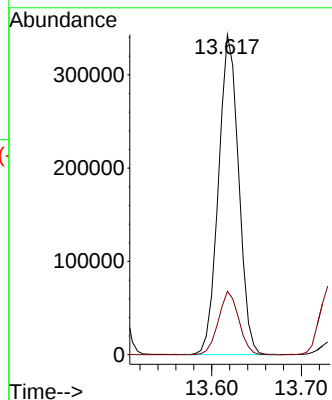
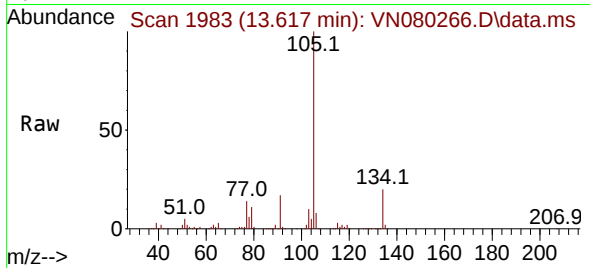
#85
 sec-Butylbenzene
 Concen: 50.854 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080266.D
 Acq: 27 Nov 2023 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 53556
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

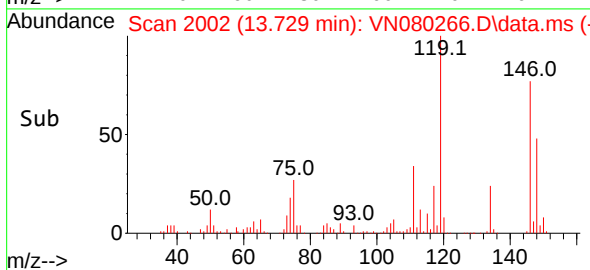
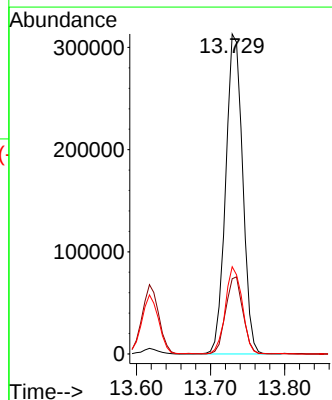
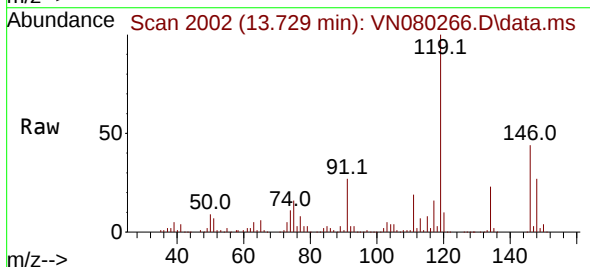
Manual Integrations
 APPROVED

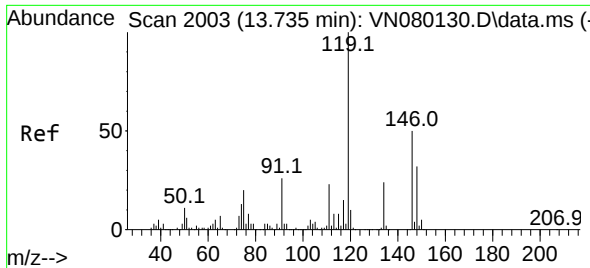
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#86
 p-Isopropyltoluene
 Concen: 52.923 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080266.D
 Acq: 27 Nov 2023 10:43

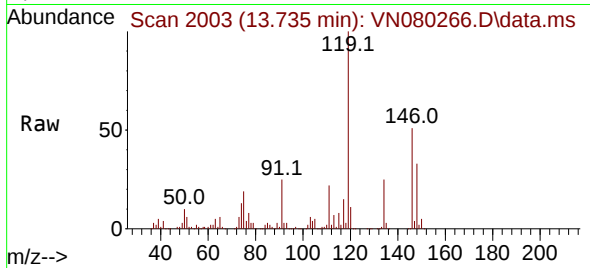
Tgt Ion:119 Resp: 497895
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 27.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.445 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

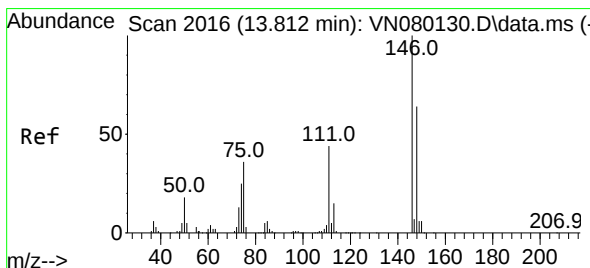
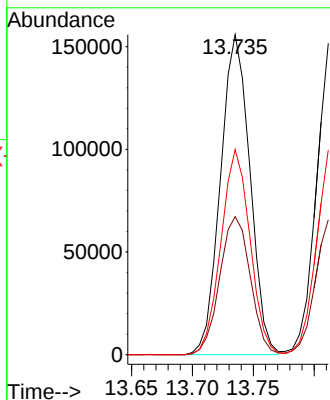
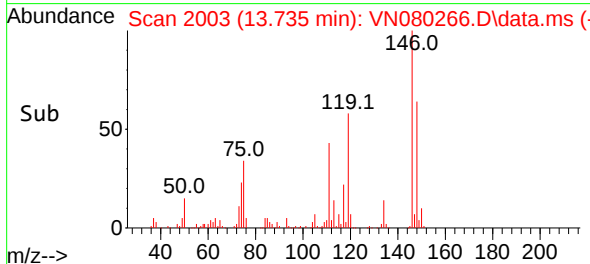
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



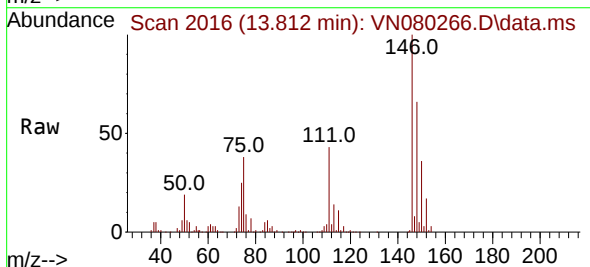
Tgt Ion:146 Resp: 26243
Ion Ratio Lower Upper
146 100
111 44.8 22.1 66.3
148 63.4 32.0 96.0

Manual Integrations
APPROVED

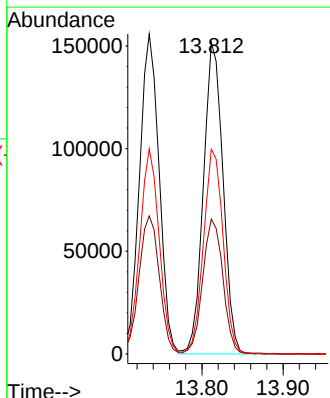
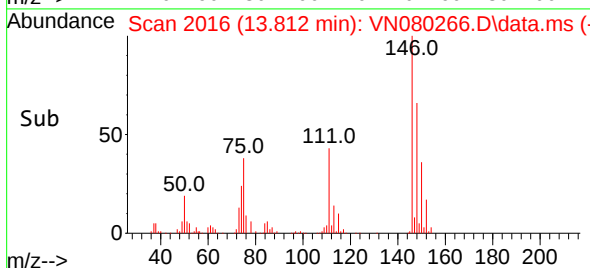
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

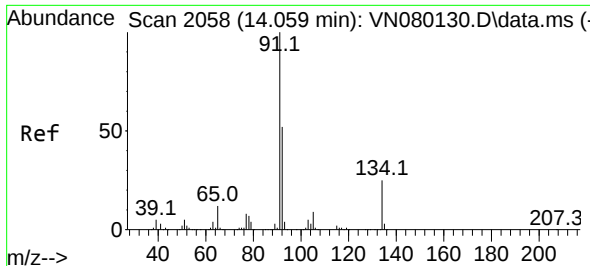


#88
1,4-Dichlorobenzene
Concen: 46.758 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43



Tgt Ion:146 Resp: 254550
Ion Ratio Lower Upper
146 100
111 44.6 20.6 61.8
148 65.7 31.6 94.8





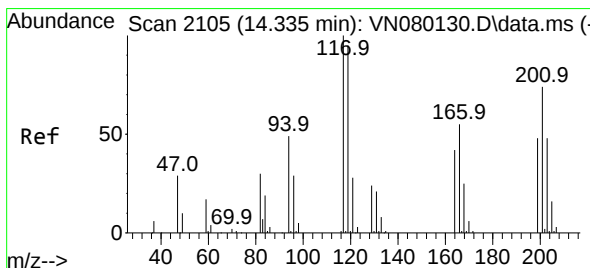
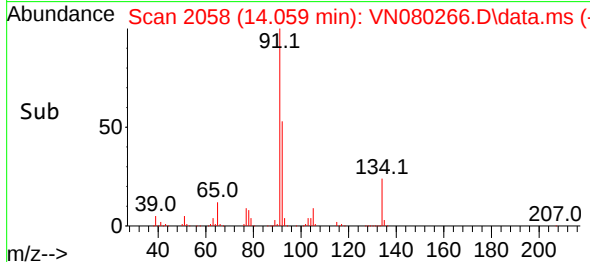
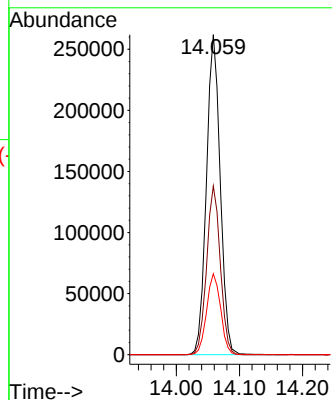
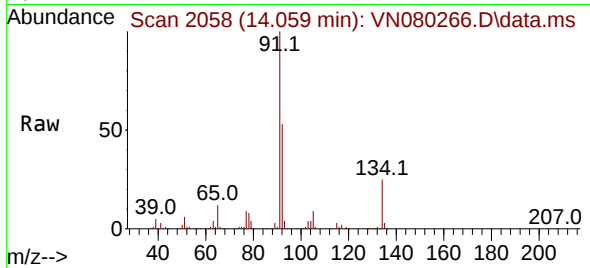
#89
n-Butylbenzene
Concen: 50.371 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 396640
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 25.7 12.6 37.6

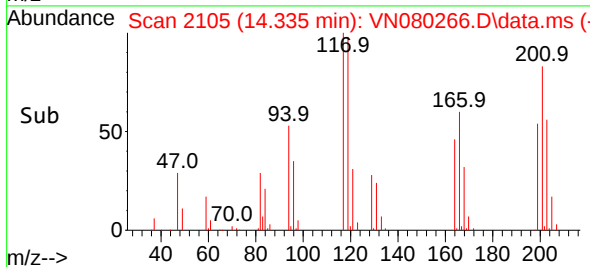
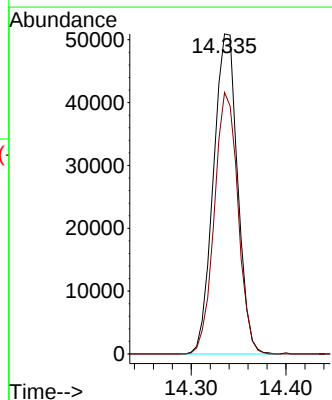
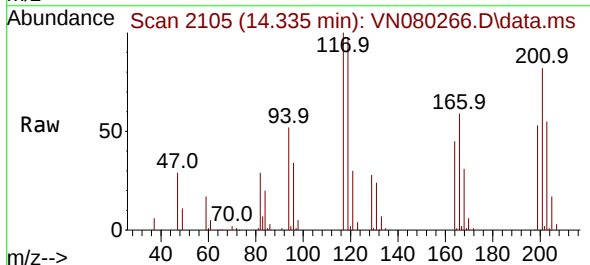
Manual Integrations
APPROVED

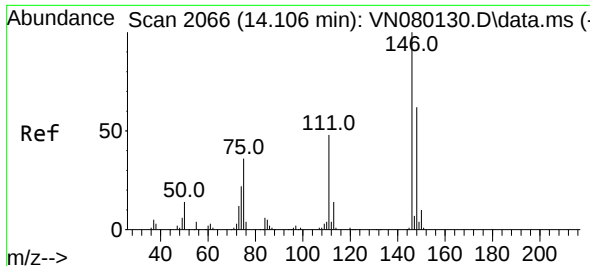
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#90
Hexachloroethane
Concen: 49.310 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion:117 Resp: 90439
Ion Ratio Lower Upper
117 100
201 79.9 29.3 88.0





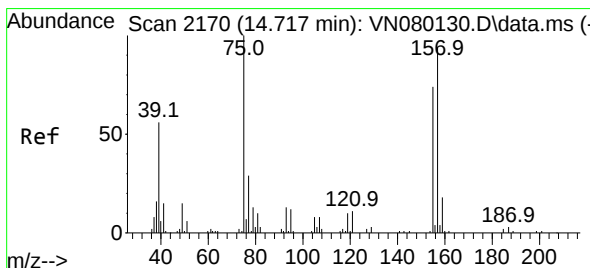
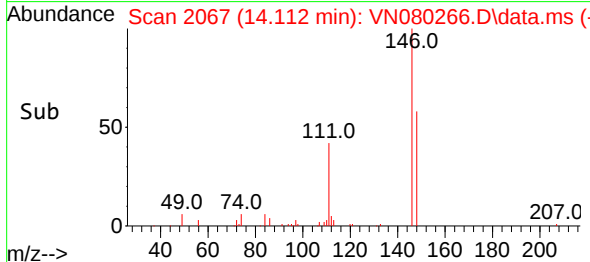
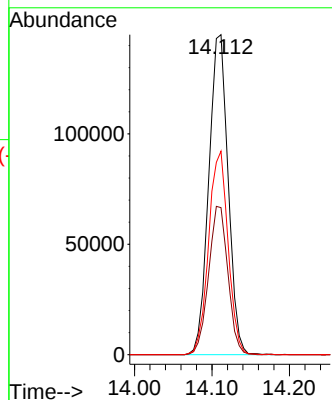
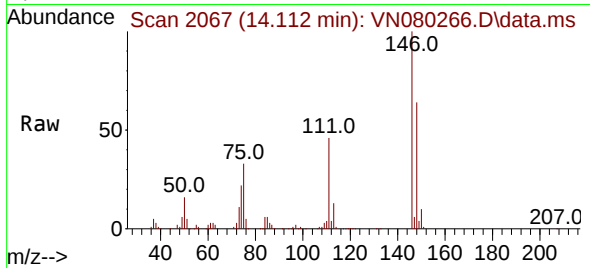
#91
1,2-Dichlorobenzene
Concen: 48.409 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 250949
Ion Ratio Lower Upper
146 100
111 46.4 22.0 66.0
148 64.0 31.8 95.3

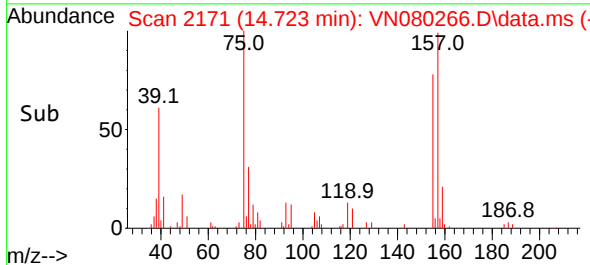
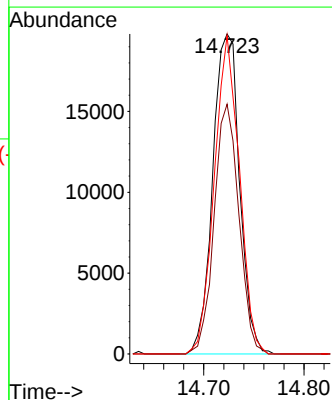
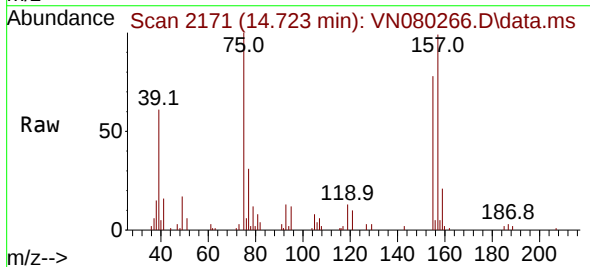
Manual Integrations
APPROVED

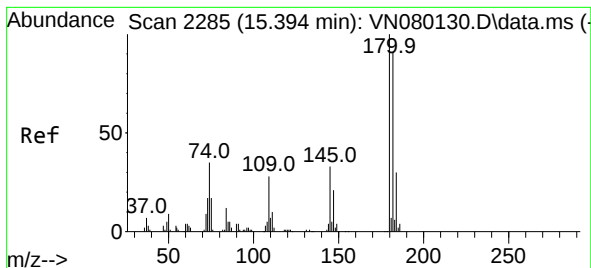
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.332 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion: 75 Resp: 36754
Ion Ratio Lower Upper
75 100
155 72.3 39.1 117.2
157 93.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 44.982 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080266.D

Acq: 27 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 13562

Ion Ratio Lower Upper

180 100

182 96.8 46.1 138.2

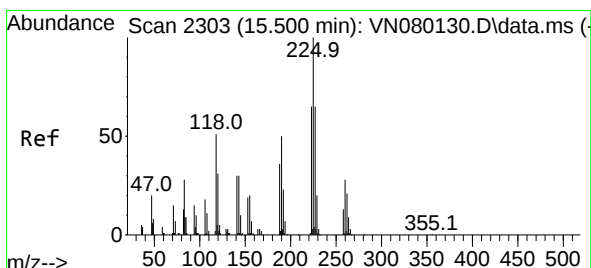
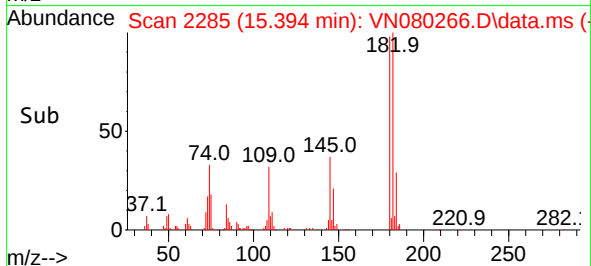
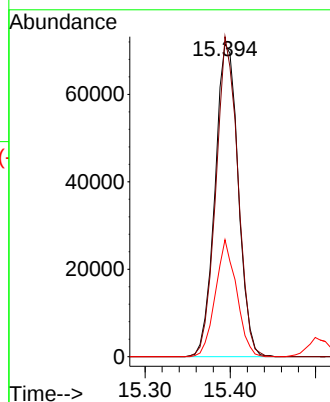
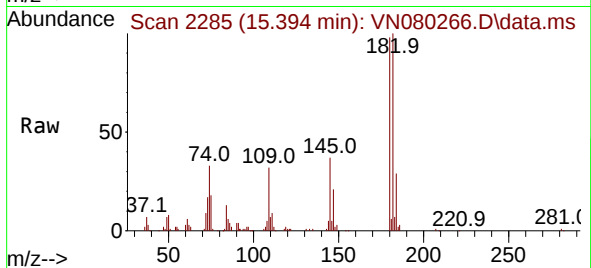
145 34.1 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#94

Hexachlorobutadiene

Concen: 45.864 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080266.D

Acq: 27 Nov 2023 10:43

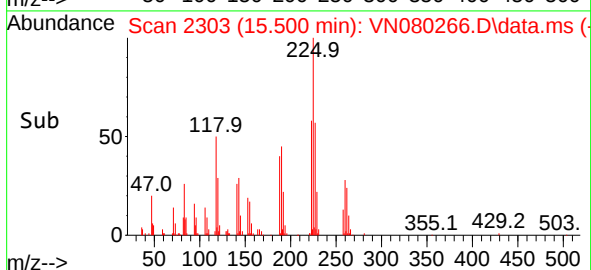
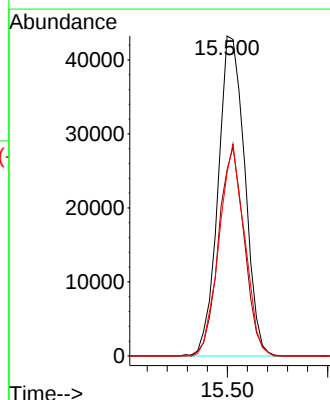
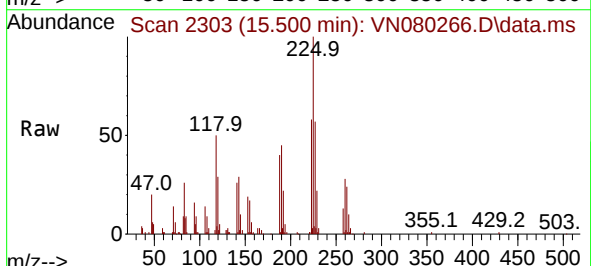
Tgt Ion:225 Resp: 79576

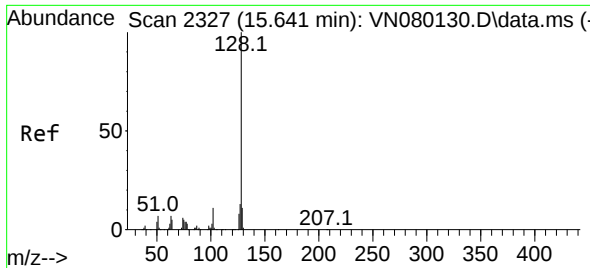
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 63.5 31.9 95.9





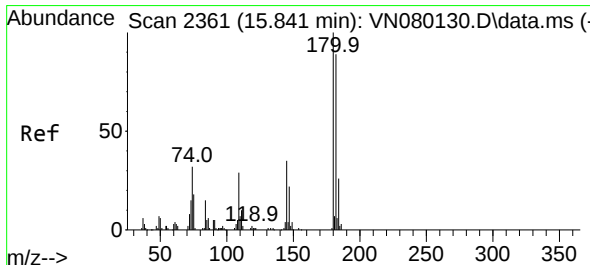
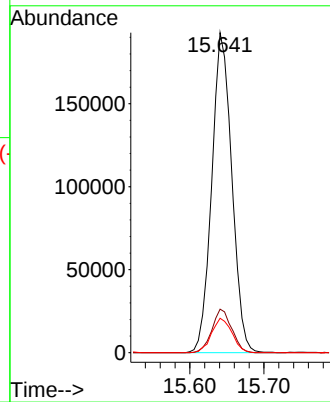
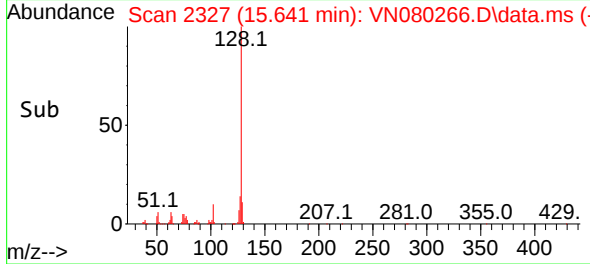
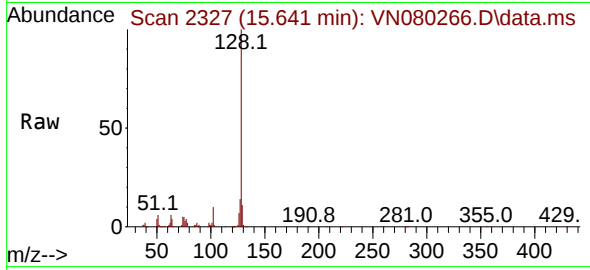
#95
Naphthalene
Concen: 41.467 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 362544
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.244 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080266.D
Acq: 27 Nov 2023 10:43

Tgt Ion:180 Resp: 127860
Ion Ratio Lower Upper
180 100
182 93.8 46.2 138.6
145 35.9 17.5 52.6

